

EROSION CONTROL PLAN

1. THE FOLLOWING EROSION CONTROL PROCEDURE SHALL BE ADHERED TO BY THE CONTRACTOR:
1. INSTALL TEMPORARY SILT FENCE BARRIERS AS DIRECTED BY THE OWNER AND AT ALL EXISTING STORMWATER CATCH BASINS WITHIN THE WORK AREA TO PREVENT SEDIMENT MIGRATION. ALL SILT FENCE BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.
2. THE TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR REUSE AS DIRECTED BY THE OWNER. ALL LOCAL OBSTACLES REGARDING THE SALE OF TOPSOIL MUST BE FOLLOWED. TOPSOIL MAY NOT BE REMOVED WITHOUT A PERMIT.
3. ALL SILT FENCE BARRIERS SHALL BE REPLACED WHEREVER THEY BECOME CLOGGED OR INOPERABLE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS.
5. THE CONTRACTOR MUST CONTROL DUST DURING CONSTRUCTION. DURING EARTHWORK OPERATIONS, WATER SPREADING EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR, AND WATER SPREAD AS NECESSARY AND AS DIRECTED BY THE OWNER IN ORDER TO CONTROL DUST.
6. DIRT OR DEBRIS LEFT ON LOCAL PUBLIC ROADS AS A RESULT OF THIS CONSTRUCTION PROJECT SHALL BE REMOVED AND ROAD SURFACES CLEANED BY THE CONTRACTOR ON A DAILY BASIS.
7. ALL DISTURBED AREAS EXCEPT AREAS TO BE PAVED OR BUILT UPON, SHALL BE TOPSOILED TO A MINIMUM 4" DEPTH AND SEEDED IMMEDIATELY AFTER FINE GRADING TAKES PLACE AND AS SOON AS PHYSICALLY POSSIBLE.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF DOWNSTREAM STORM SEWERS, DITCHES, AND CULVERTS. SILT BUILDUP FOUND TO BE A RESULT OF THIS SITE CONSTRUCTION WORK SHALL BE REMOVED FROM DOWNSTREAM CULVERTS BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER OR THE CITY.
9. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES AND MATERIALS SHALL BE IN PLACE PRIOR TO BEGINNING EARTHWORK OPERATIONS AND SHALL BE MAINTAINED UNTIL THE NEW SLOPES ARE STABILIZED WITH SEEDING AND/OR SLOPE PROTECTION, AS DIRECTED BY THE ENGINEER.
10. INSTALL TEMPORARY SILT FENCE AROUND THE BASE OF STOCKPILES.

NOTES:

1. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT THOSE ITEMS TO REMAIN, SUCH AS TREES, PROPERTY CORNER PINS, UTILITY POLES, VALVES, HYDRANTS, CURBS, MANHOLES AND CATCH BASINS, REPRESENTATIVE, MAINTAIN UNTIL VEGETATION IS ESTABLISHED AND PLACEMENT IS INSTALLED.
2. TEMPORARY SILT FENCE AND STRAW BALES TO BE INSTALLED AS DIRECTED BY THE OWNERS FIELD REPRESENTATIVE.
3. FOR THOSE STRUCTURES TO BE DEMOLISHED, ALL EXISTING UTILITY SERVICES SHALL BE ABANDONED IN ACCORDANCE WITH LOCAL REGULATIONS. ALL METERS SHALL BE RETURNED TO PROPER OWNERS.
4. THE CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCES WHERE ACCESSING THE SITE FROM PAVED ROADWAYS.
5. THE CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH NYS M.U.T.C.D. STANDARDS PRIOR TO STARTING WORK.

SITE PLAN
SCALE: 1"=120'

SEQUENCE OF MAJOR ACTIVITIES:

THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING THE FOLLOWING EROSION CONTROL AND STORM WATER MANAGEMENT CONTROL MEASURES. THE CONTRACTOR MAY DESIGNATE THESE TASKS TO CERTAIN SUBCONTRACTORS AS HE SEES FIT, BUT THE ULTIMATE RESPONSIBILITY FOR IMPLEMENTING THESE CONTROLS AND ENSURING THEIR PROPER FUNCTIONING REMAINS WITH THE CONTRACTOR. THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

- A. CONSTRUCT TEMPORARY CONSTRUCTION EXIT AT LOCATIONS SHOWN ON THE DEMOLITION & EROSION CONTROL PLANS.
- B. INSTALL REINFORCED SILT FENCE/SILT SOCKS IN THE LOCATIONS SHOWN ON THE DEMOLITION & EROSION CONTROL PLAN SHEET.
- C. CLEAN & GRADE SITE.
- D. INSTALLATION OF DETENTION BASIN TO ACT AS SEDIMENT BASIN (DO NOT INSTALL BOREHOLE IN SOIL OR UNDERPASS UNTIL STABILIZED).
- E. COMMENCE SITE GRADING.
- F. INSTALL BUILDING PAD AND FOUNDATION.
- G. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND MAINTAINED.
- H. INSTALLATION OF PROPOSED UTILITIES.
- I. FINALIZE PAVEMENT SUBGRADE PREPARATION.
- J. CONSTRUCT ALL CURB, DRAINAGE INLETS, STORM SEWER PIPES AND STORM SEWER MANHOLES AS SHOWN ON THE PLANS. INSTALL TEMPORARY INLET PROTECTION AT THE LOCATIONS OF ALL INLETS.
- K. DUST CONTROL.
- L. REMOVE INLET PROTECTION AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
- M. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.
- N. CROWN OUT FINAL GRADING AND SEEDING AND PLANTING.
- O. CLEAN STORM SYSTEM FOLLOWING CONSTRUCTION. CLEAN DETENTION BASINS OF ANY SILT AND RETURN TO DESIGN GRADES.
- P. REMOVE SILT FENCING/SILT SOCK ONLY AFTER ALL PAVING IS COMPLETE AND EXPOSED SURFACES ARE STABILIZED.
- Q. REMOVE TEMPORARY CONSTRUCTION ENITS ONLY PRIOR TO PAVEMENT CONSTRUCTION IN THESE AREAS.

NOTES:

1. BASINS TO BE CLEANED AND GRADED TO DESIGN GRADES FOLLOWING CONSTRUCTION.
2. TOPSOIL & SEED FOLLOWING CLEANING.
3. A EMAIL COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WEEKLY INSPECTION REPORTS ARE TO BE PROVIDED TO THE TOWN.
4. TEMPORARY SILT FENCE IS TO BE INSTALLED AT THE BASE OF ALL TEMPORARY STOCKPILE AREAS AND REMAIN UNTIL VEGETATION IS ESTABLISHED.
5. STUMPS AND BRUSH SHALL NOT BE BURIED ON THE SITE.
6. THE CLEARING LIMIT STAKEOUT SHALL BE APPROVED BY THE ENGINEERING DEPARTMENT PRIOR TO COMMENCING ANY SITE CLEARING ACTIVITIES.
7. INSTALL TEMPORARY SILT SOCK AROUND PERIMETER OF ALL BOREHOLE AREAS UNTIL TRIBUTARY AREAS ARE STABILIZED.

DRAWING NAME:
Erosion & Sediment Control Plan

Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted

C-001

Project No: 22-117

PRELIMINARY
NOT FOR CONSTRUCTION

Sealed: XX.XX.XXXX

REVISIONS:	No.	Description	Date

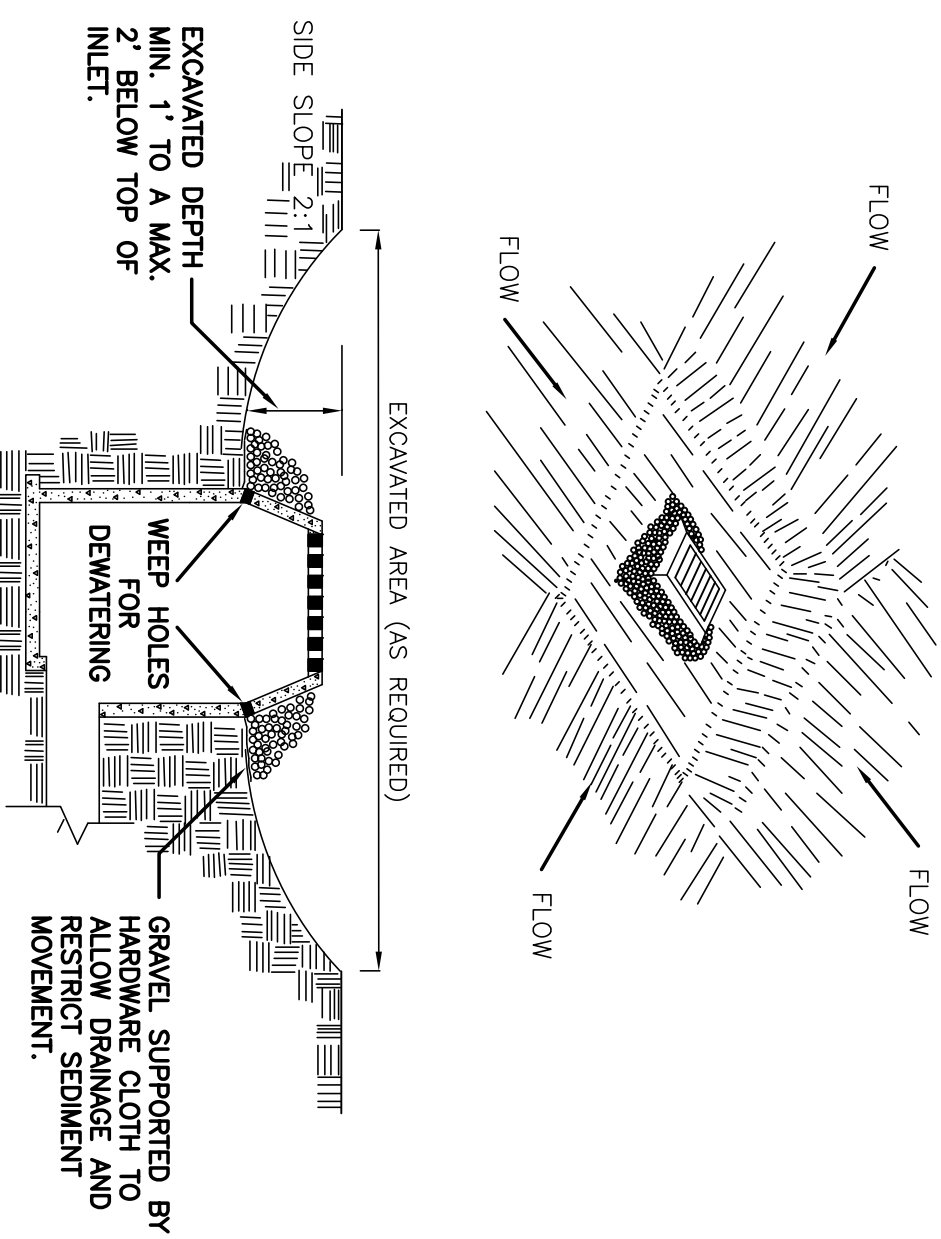
Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

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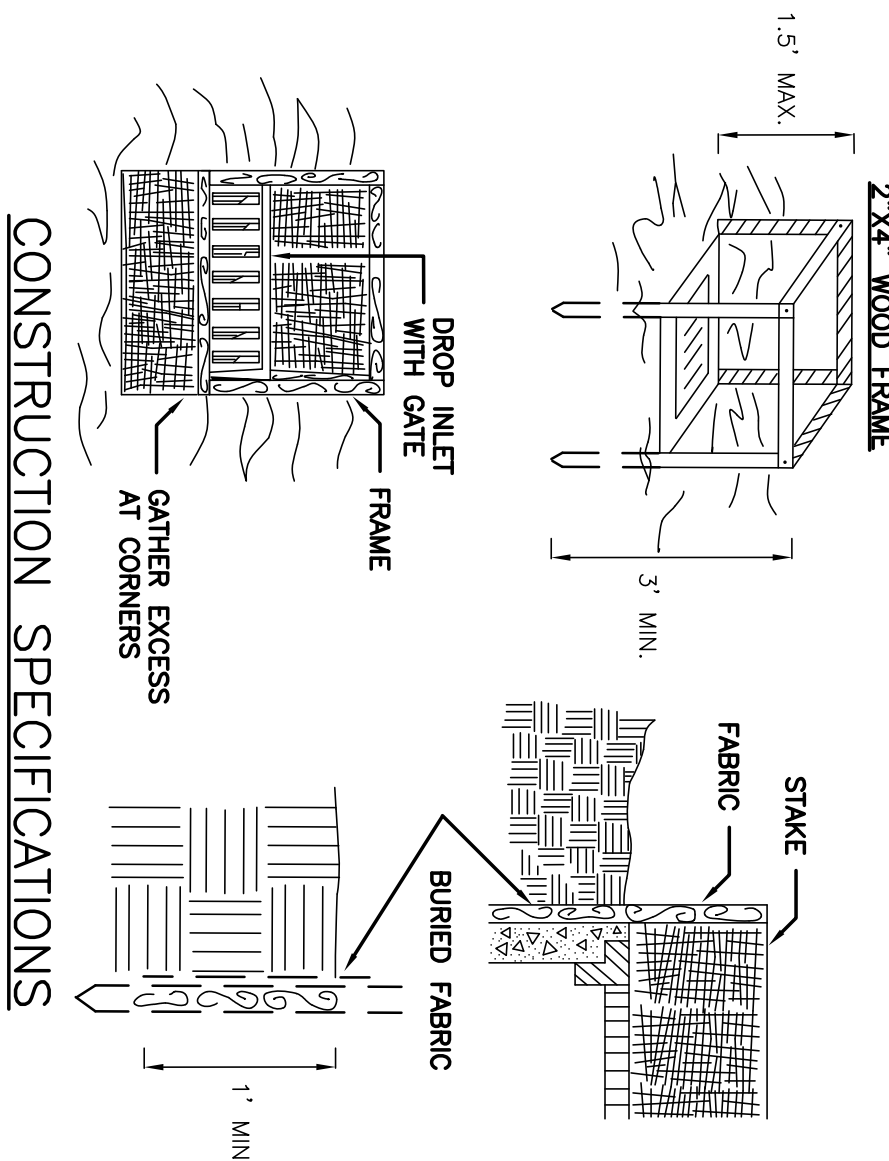


CONSTRUCTION SPECIFICATIONS

1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
5. MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 1

NOT TO SCALE

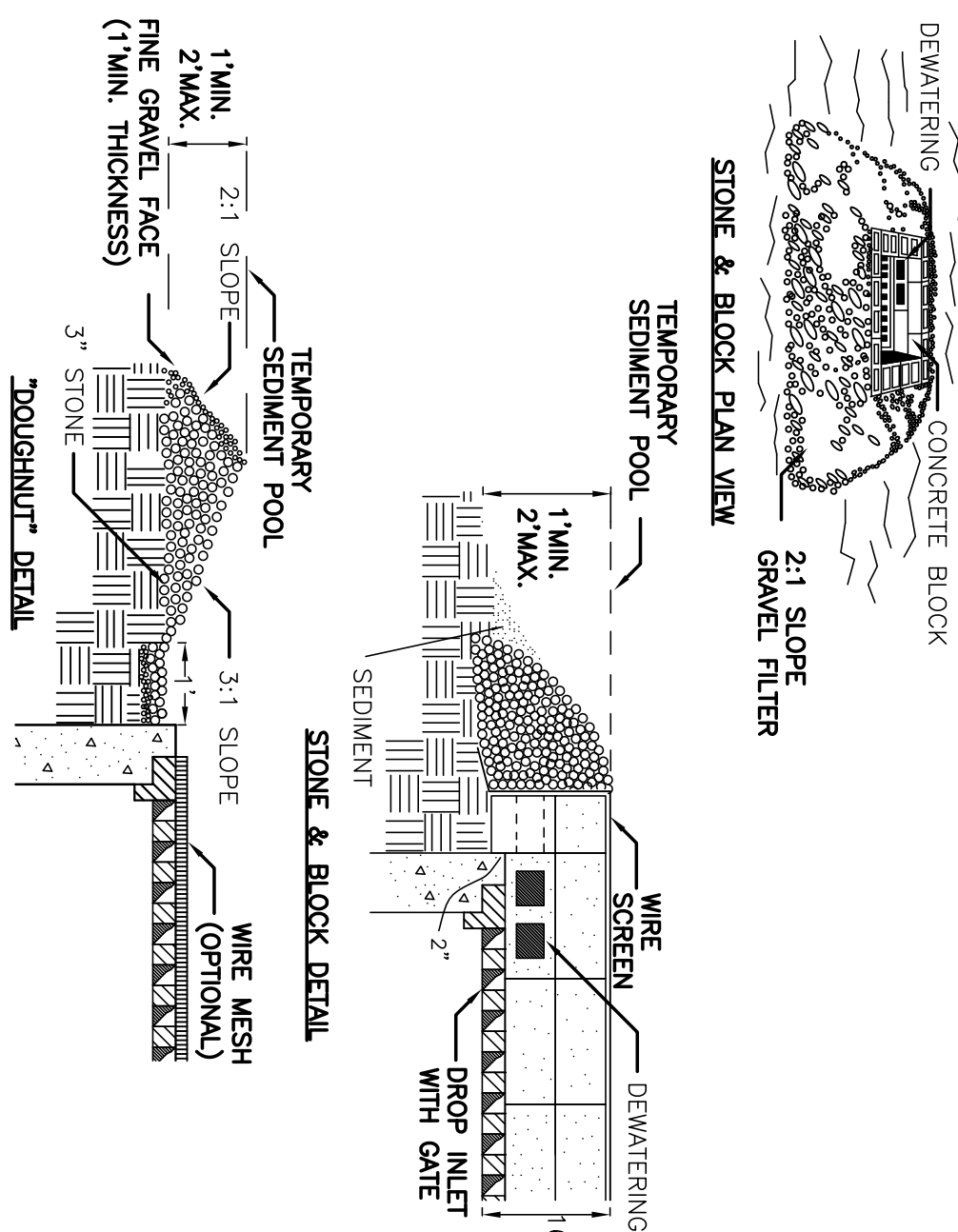


CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURDAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" X 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" X 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
7. MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 2

NOT TO SCALE



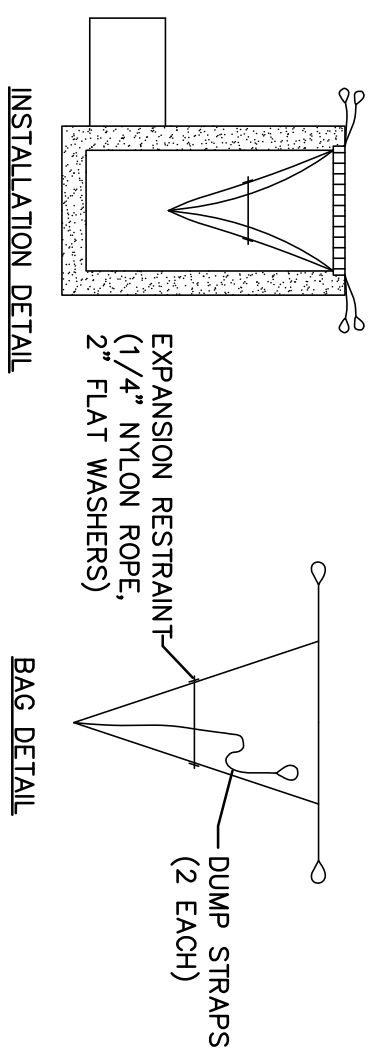
CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH AS SHOWN ON THE DRAWINGS.
5. MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 3

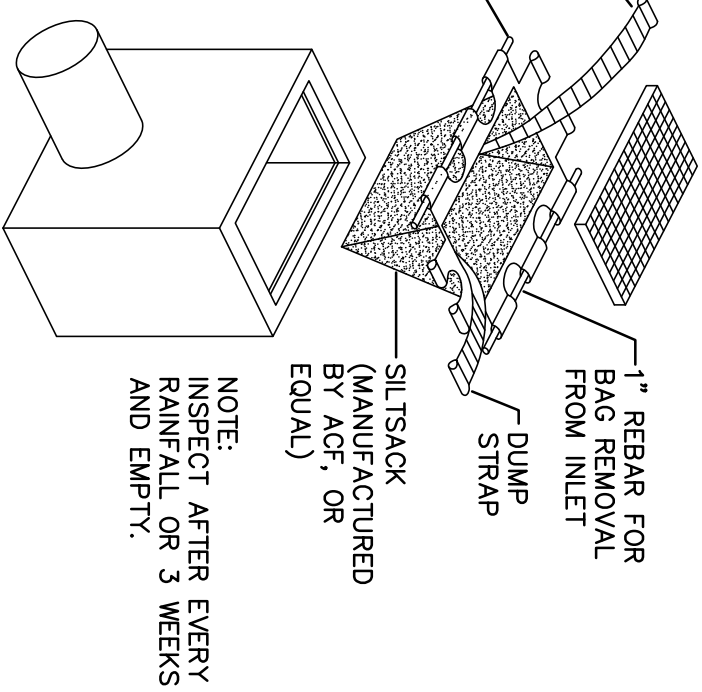
NOT TO SCALE

NOTE: INSTALL ONE OF THE INLET PROTECTION OPTIONS SHOWN FOLLOWING INSTALLATION OF THE PROPOSED CBS



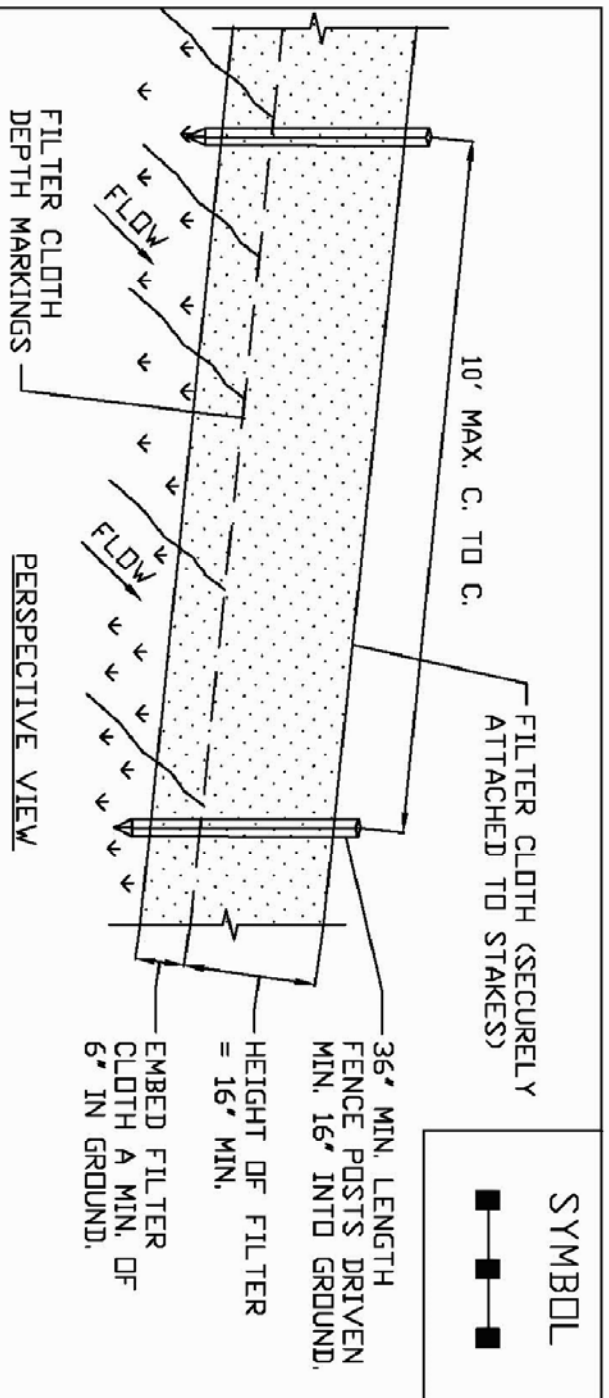
INSTALLATION DETAIL

BAG DETAIL



SILT SACK DETAIL

NOT TO SCALE

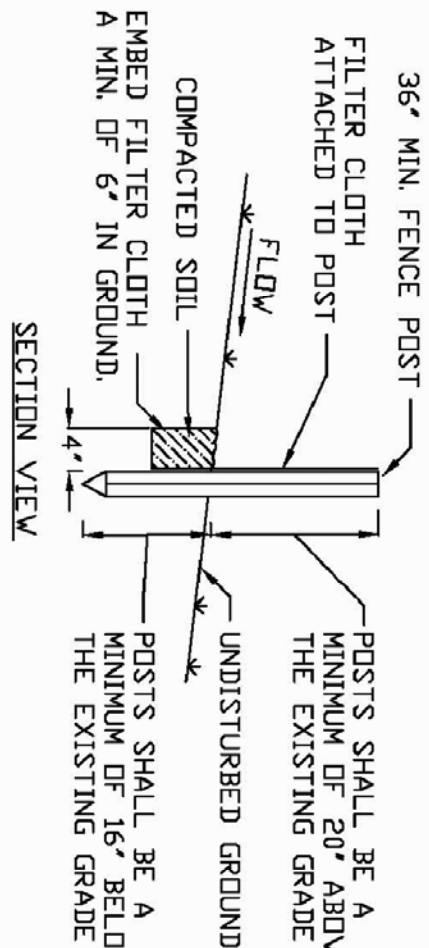


CONSTRUCTION SPECIFICATIONS

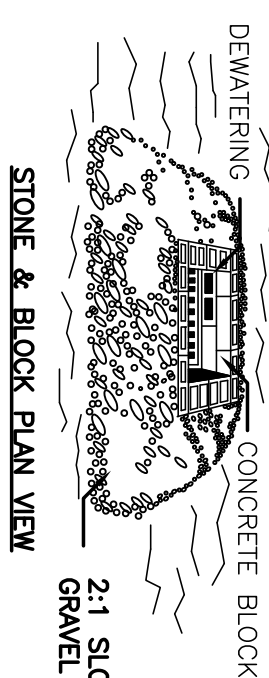
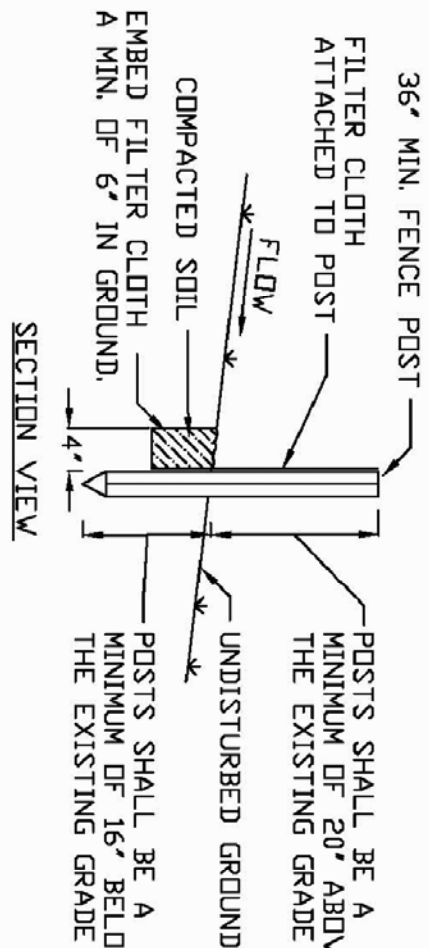
1. WOVEN FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER 1" OR 1 1/2" OR 1/2" TYPE OR HARDWOOD.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND TIED. FILTER CLOTH SHALL BE EITHER FILTER X1, RIBBET 100X, STABILINKA 1100X, OR APPROVED EQUIVALENT.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.

SILT FENCE (WITHOUT WIRE MESH BACKING)

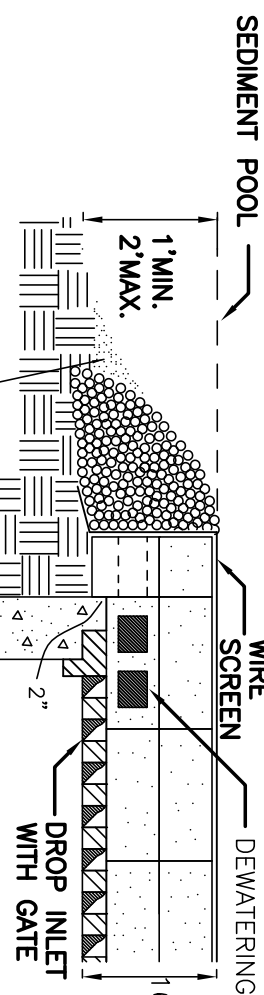
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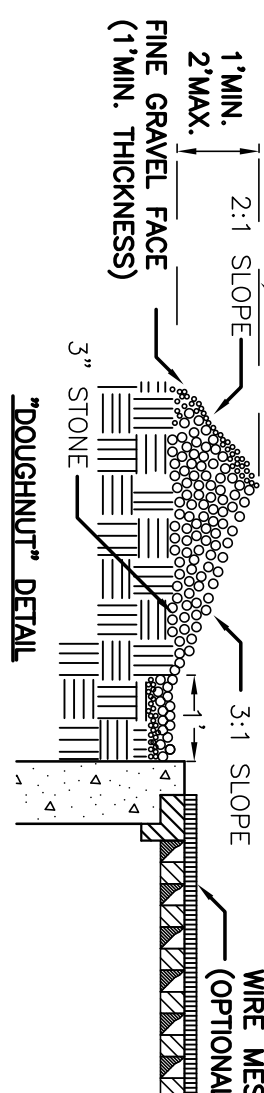
CONSTRUCTION SPECIFICATIONS



CONSTRUCTION SPECIFICATIONS



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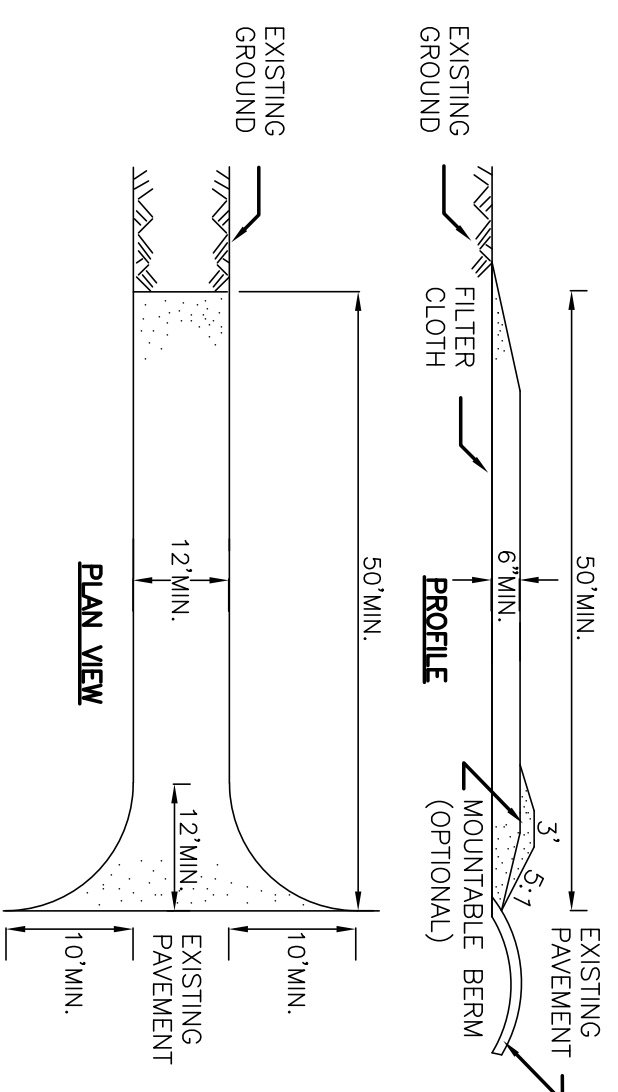


CONSTRUCTION SPECIFICATIONS

1. SURFACE WATER FLOWING OR DIERGED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
2. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OR SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH GRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
4. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

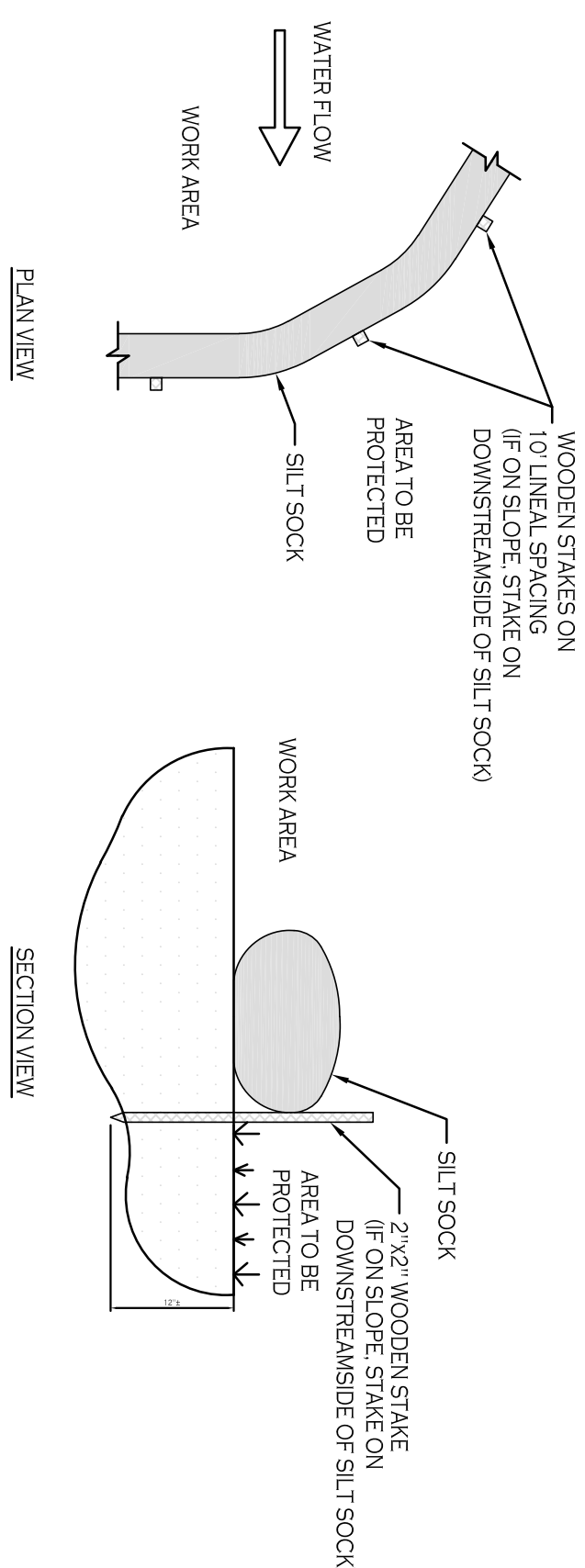


CONSTRUCTION SPECIFICATIONS

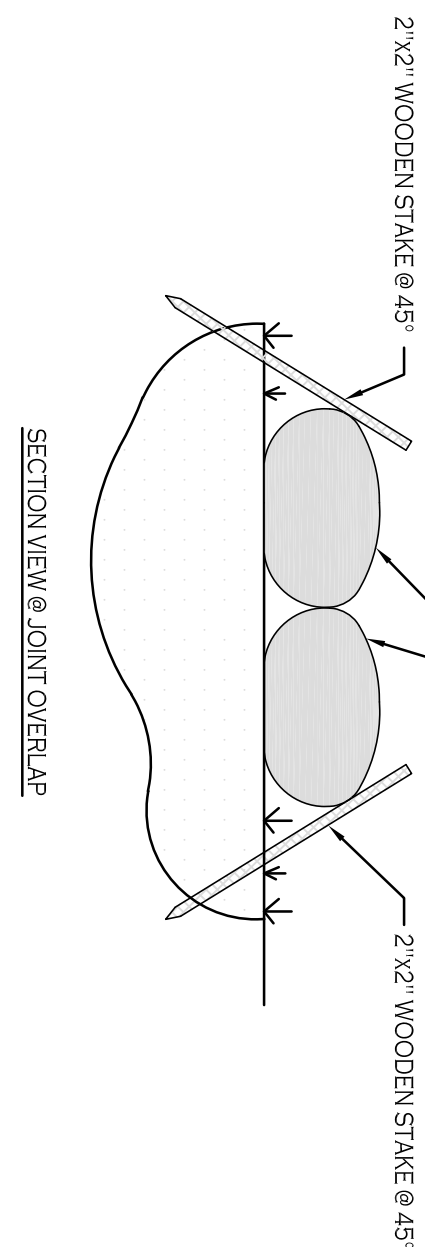
1. STONE SIZE - USE 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIERGED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OR SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH GRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

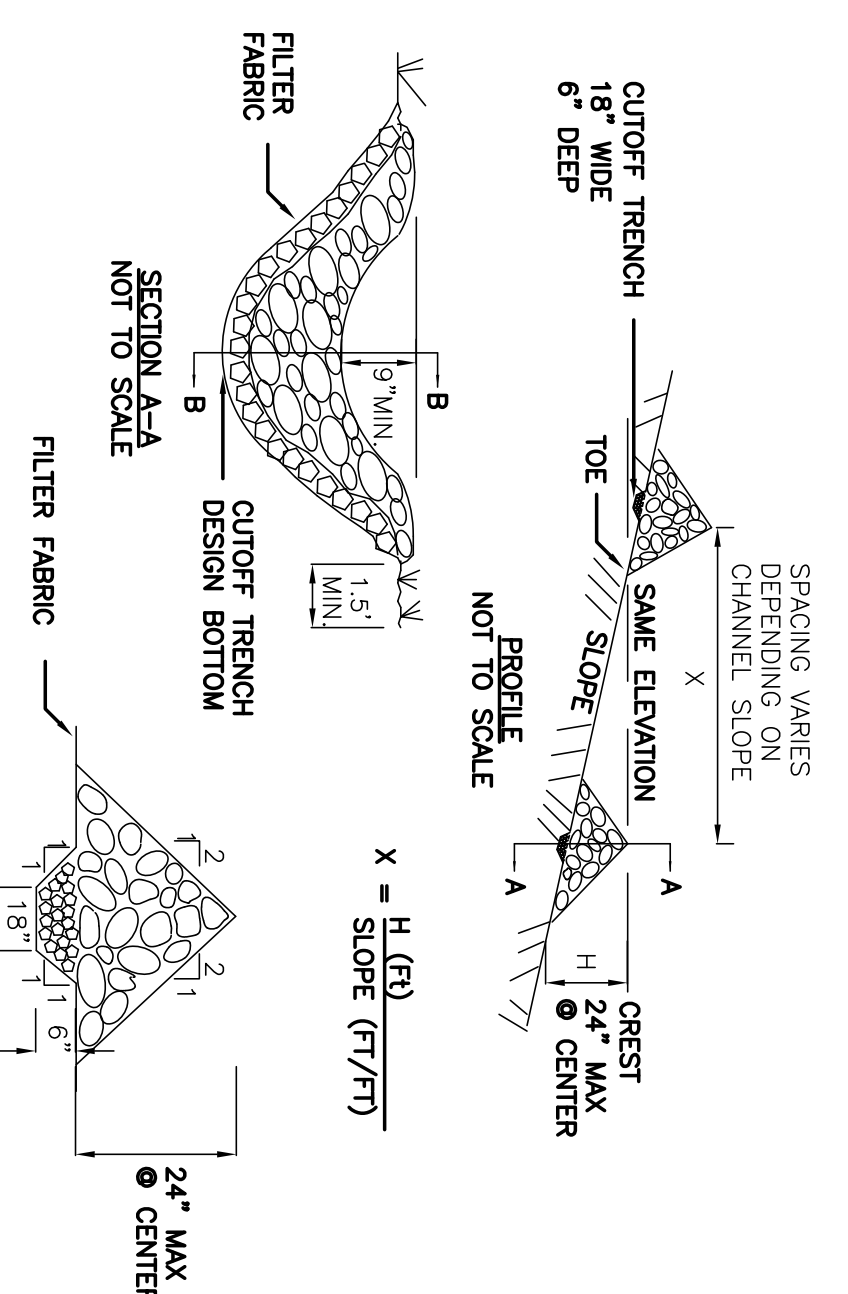


CONSTRUCTION SPECIFICATIONS

- NOTES
- CONTRACTOR SHALL INSPECT AND MAINTAIN SILT SOCK AS NEEDED DURING THE DURATION OF CONSTRUCTION PROJECT.
- CONTRACTOR SHALL REMOVE SEDIMENT COLLECTED AT THE BASE OF THE SILT SOCK WHEN IT HAS REACHED 1/2 OF THE EXPOSED HEIGHT OF THE SILT SOCK. ALTERNATIVELY, RATHER THAN CREATE A SOIL DISTURBING ACTIVITY, THE ENGINEER MAY CALL FOR ADDITIONAL SILT SOCKS TO BE ADDED AT AREAS OF HIGH SEDIMENT RATION PLACED IMMEDIATELY ON TOP OF THE EXISTING SEDIMENT DRAIN SILT SOCK. SILT SOCK SHALL BE OVERLAPPED 12" AT JOINTS AND STAKED ON EACH SIDE OF THE SOCK AT A 45° ANGLE.

SILT SOCK DETAIL

N.T.S.



CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES.
2. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
6. MAXIMUM DRAINAGE AREA 2 ACRES.

STONE CHECK DAM DETAIL

NOT TO SCALE

REVISIONS:	Date
No. Description	

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINA WOOD DESIGN

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Buffalo, New York 14203
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Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted
C-002
Project No: 22-117

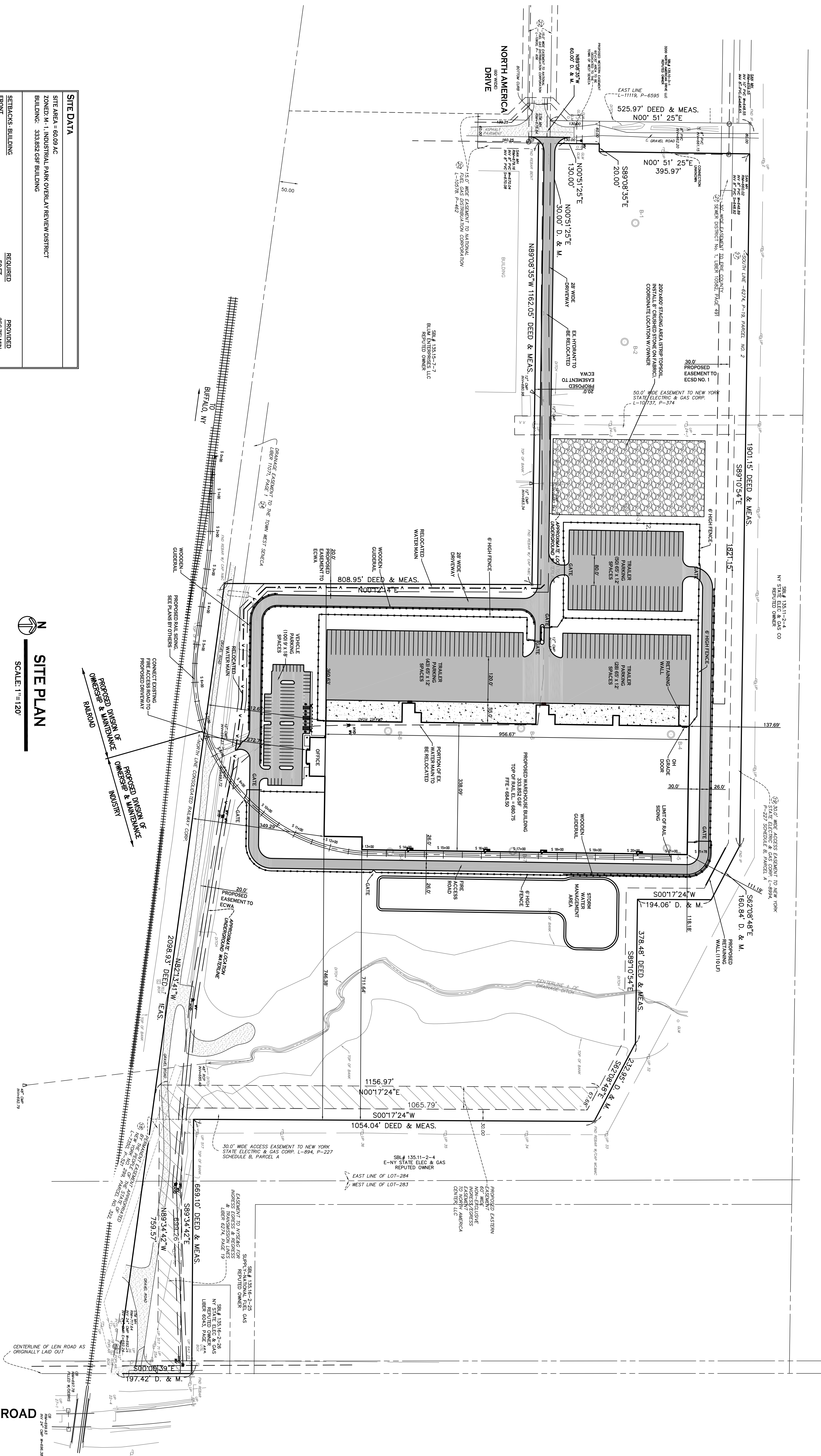
DRAWING NAME:
Erosion & Sediment Control Details

PRELIMINARY
NOT FOR CONSTRUCTION

SITE DATA	
SITE AREA = 60.09 AC	ZONED: M-1 INDUSTRIAL PARK OVERLAY REVIEW DISTRICT
BUILDING: 333,852 SF BUILDING	
SETBACKS- BUILDING	REQUIRED
FRONT	50 FT
SIDE (ABUTTING COMM/ABUTTING R)	10 FT/50 FT
REAR (ABUTTING COMM/ABUTTING R)	20 FT/50 FT
LOT COVERAGE (60%)	1,570,522 SF (12.8%)
MIN. LOT SIZE	2 ACRES
MAX. BUILDING HEIGHT	40 FT
LANDSCAPE AREA	20% (12 AC)
	PROVIDED
	256,79 MIN.
	280.0 MIN.
	119.67 MIN.
	333,852 SF (12.8%)
	60.09 ACRES
	69' 2" ±
	47.6 AC (79.2%)

* NOTE: BUILDING HEIGHT HIGHER THAN 40' CAN BE APPROVED BY THE TOWN BOARD

SITE PLAN
SCALE: 1"=120'



SITE LEGEND

- PROPERTY LINE
- PROPOSED CONCRETE CURB
- PROPOSED CONCRETE SIDEWALK
- PROPOSED ASPHALT PAVEMENT
- PROPOSED SIGN
- PROPOSED PARKING NUMBER
- PROPOSED LIGHT POLE
- PROPOSED WALL MOUNTED LIGHT

LEIN (WIDTH VARIES) ROAD



REVISIONS:		
No.	Description	Date

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PRELIMINARY
NOT FOR CONSTRUCTION

SBL # 135.11-2-4
 NY STATE ELEC & GAS CO
 REPUTED OWNER

19) 30.0' WIDE ACCESS EASEMENT TO NEW YORK
 STATE ELECTRIC & GAS CORP. L-8994,
 P-227 SCHEDULE B, PARCEL A

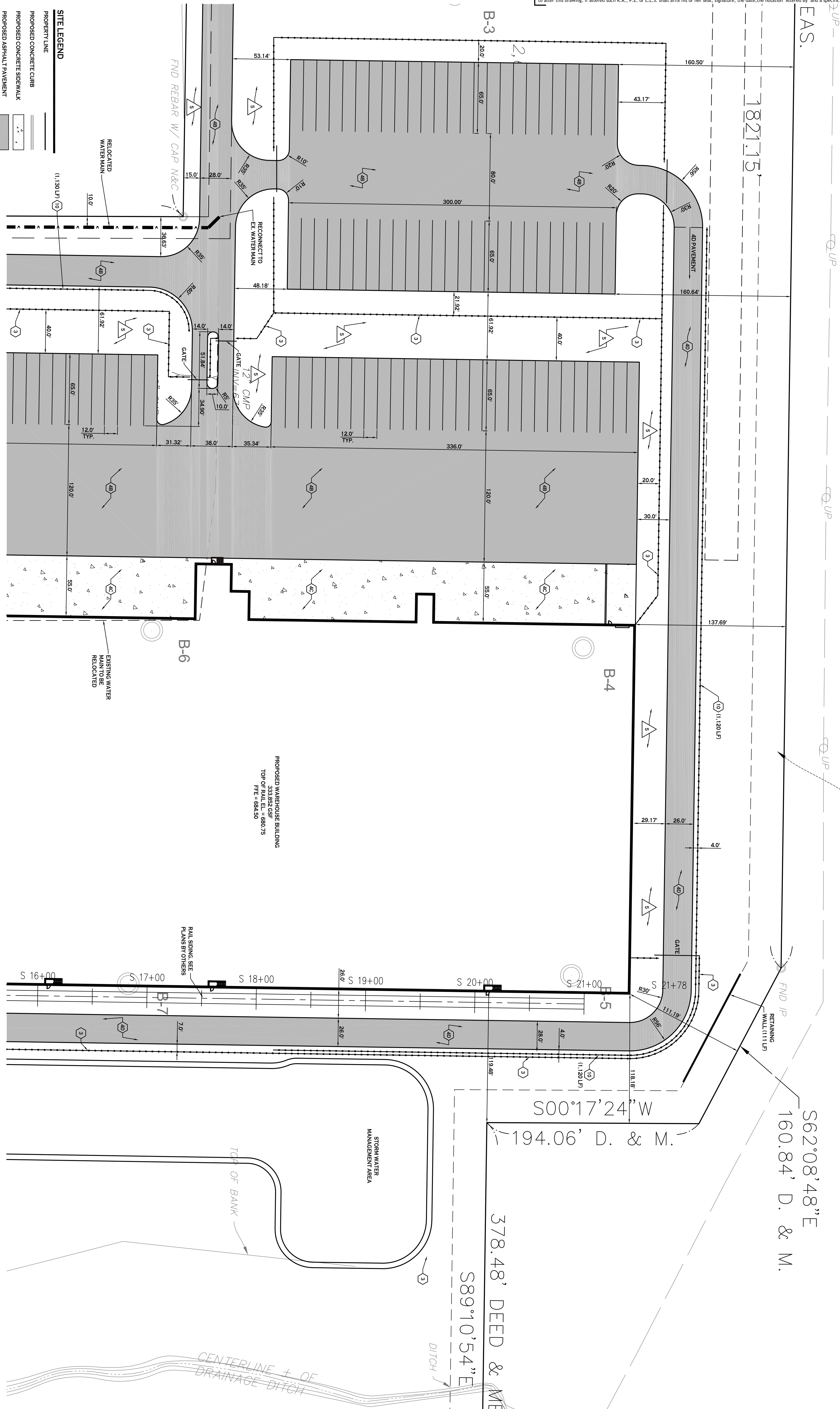
S62°08'48"E
 160.84' D. & M.

378.48' DEED & ME
 S89°10'54"E

S00°17'24"W
 194.06' D. & M.

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- SITE LEGEND**
- PROPOSED ASPHALT PAVEMENT
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED CONCRETE CURB
 - PROPERTY LINE
 - PROPOSED SIGN
 - PROPOSED LIGHT POLE
 - PROPOSED WALL MOUNTED LIGHT

SITE PLAN
 SCALE: 1"=40'

- DETAIL LEGEND** SEE SITE DETAIL SHEET
- 1 CONCRETE CURB
 - 2 CONCRETE SIDEWALK
 - 3 6" TALL CHAIN LINK FENCE
 - 4A LIGHT DUTY ASPHALT
 - 4B MODERATE - HEAVY DUTY ASPHALT
 - 4C EXTERIOR CONCRETE SLAB ON GRADE
 - 4D MILLINGS PAVEMENT SECTION

- 5 90° PARKING STALL
- 6 HANDICAP PAVEMENT MARKINGS
- 7 HANDICAP PARKING SIGN
- 8 HANDICAP PAVEMENT RAMP
- 9 LIGHT POLE FOUNDATION, SEE LIGHTING PLAN
- 10 WOODEN GUIDE RAIL

- NOTE LEGEND**
- 1 INSTALL "NO PARKING" SIGN, MULTI-C.D. SIGN NO. P11C
 - 2 4" WIDE YELLOW PAINT STRIPE @ 45° & 22.5° O.C. INFILL AREA AS SHOWN
 - 3 ROUNDOFF CURBS IN 2' OR MATCH EXISTING CURBS
 - 4 MATCH EX. EDGE OF PAVEMENT & OR S.W. SAWCUT AS REQ'D TO ACHIEVE SQUARE EDGE TO MATCH
 - 5 LANDSCAPED AREA - SEE LANDSCAPE PLAN, IF NO PLANTINGS, INSTALL TOPSOIL & SEED

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

40' 0 40 80 FT

DRAWING NO. C-101
 Project No: 22-117

DRAWING NAME: Site Plan - North

REVISIONS:

No.	Description	Date

Proposed Warehouse
 North America Drive
 West Seneca, New York

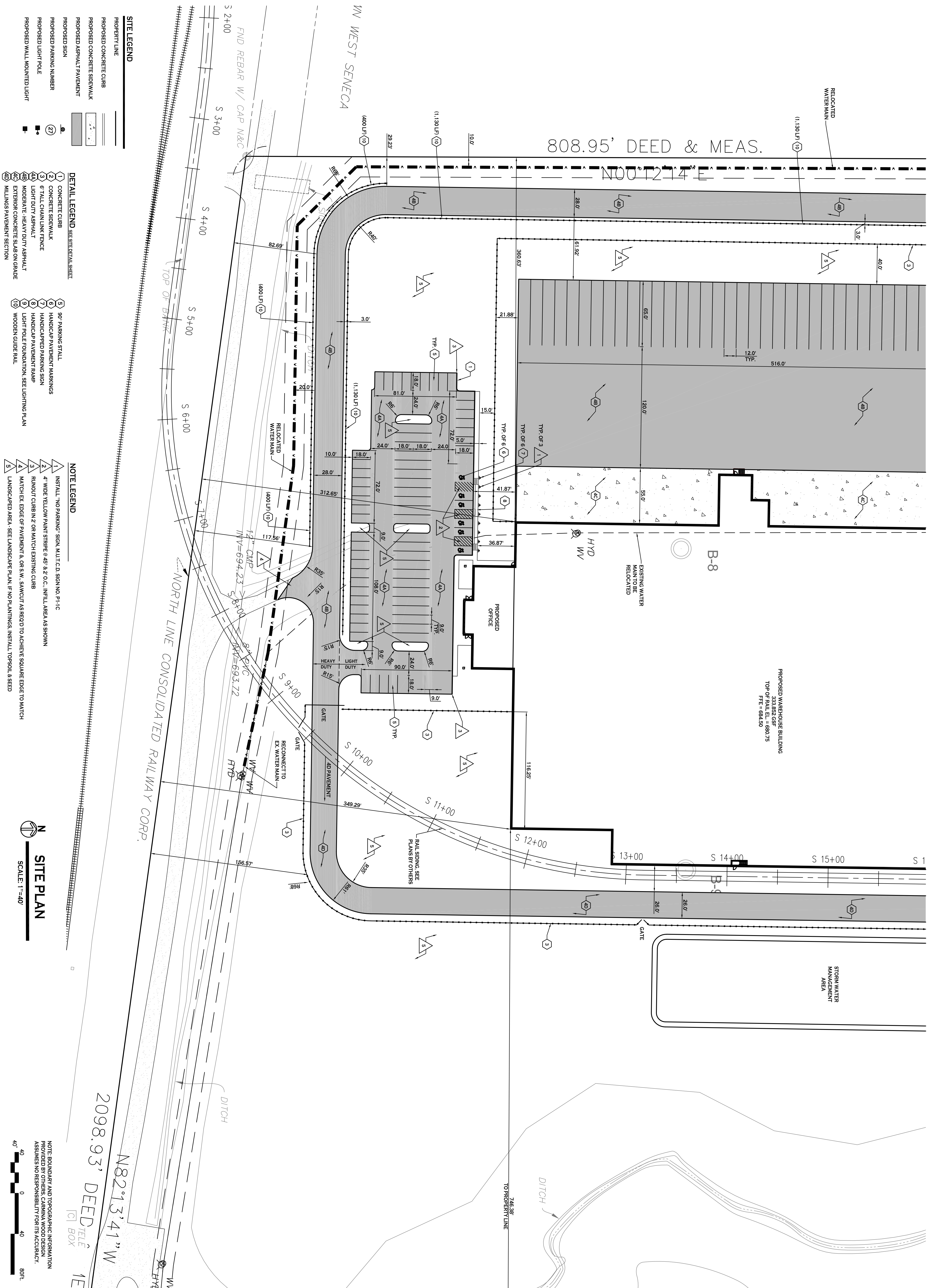
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PRELIMINARY
 NOT FOR CONSTRUCTION

Sealed: XX.XX.XXXX



- SITE LEGEND**
- PROPERTY LINE
 - PROPOSED CONCRETE CURB
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED SIGN
 - PROPOSED PARKING NUMBER
 - PROPOSED LIGHT POLE
 - PROPOSED WALL MOUNTED LIGHT

- DETAIL LEGEND** SEE SITE DETAIL SHEET
- 1 CONCRETE CURB
 - 2 CONCRETE SIDEWALK
 - 3 8" TALL CHAIN LINK FENCE
 - 4A LIGHT DUTY ASPHALT
 - 4B MODERATE-HEAVY DUTY ASPHALT
 - 4C EXTERIOR CONCRETE SLAB ON GRADE
 - 4D MILLINGS PAVEMENT SECTION
 - 5 90° PARKING STALL
 - 6 HANDICAP PAVEMENT MARKINGS
 - 7 HANDICAPED PARKING SIGN
 - 8 HANDICAP PAVEMENT RAMP
 - 9 LIGHT POLE FOUNDATION - SEE LIGHTING PLAN
 - 10 WOODEN GUIDE RAIL

- NOTE LEGEND**
- 1 INSTALL "NO PARKING" SIGN, MULTICOLOR SIGN NO. P-11-C
 - 2 4" WIDE YELLOW PAINT STRIPE @ 45° & 2" O.C. INFILL AREA AS SHOWN
 - 3 RUMOUT CURB IN 2' OR MATCH EXISTING CURB
 - 4 MATCH EX. EDGE OF PAVEMENT & OR S.W. SAWCUT AS REQ'D TO ACHIEVE SQUARE EDGE TO MATCH
 - 5 LANDSCAPE AREA - SEE LANDSCAPE PLAN. IF NO PLANTINGS, INSTALL TOPSOIL & SEED

SITE PLAN

SCALE: 1"=40'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINAWOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

DATE: 9.12.22
 DRAWN BY: C. Wood
 SCALE: AS NOTED

C-102

Project No: 22-117

DRAWING NAME: **Site Plan - South**

REVISIONS:	No.	Description	Date

Proposed Warehouse

North America Drive
 West Seneca, New York

CARMINAWOOD DESIGN

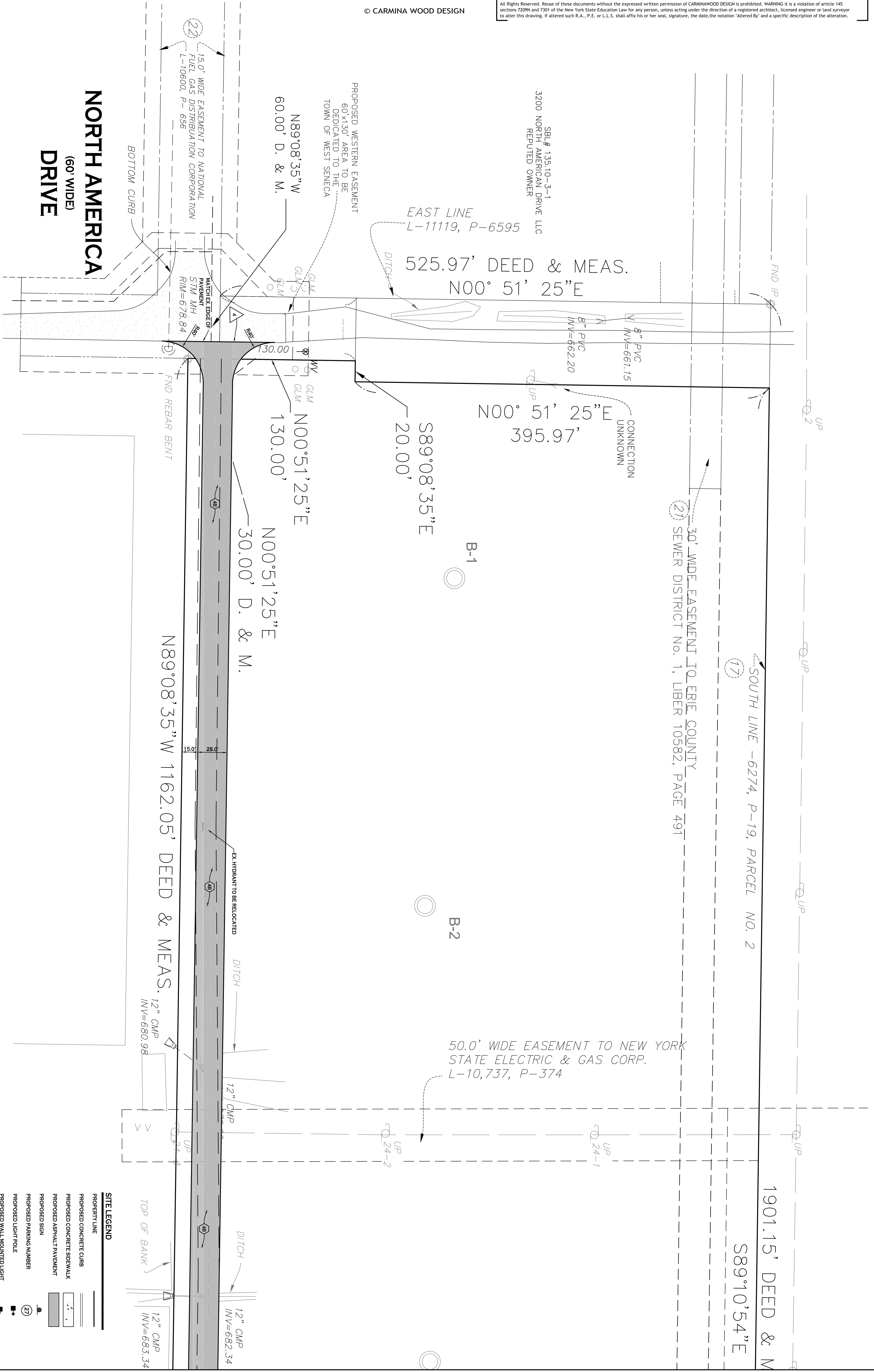
487 Main Street, Suite 500
 Buffalo, New York 14203
 Phone: (716) 842-3165

111 Bain Street, Suite 332
 Greensboro, North Carolina 27406
 Phone: (336) 937-9009

PRELIMINARY
 NOT FOR CONSTRUCTION

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© CARMINA WOOD DESIGN



NORTH AMERICA DRIVE
(60' WIDE)

SBL # 135.10-3-1
3200 NORTH AMERICAN DRIVE LLC
REPUTED OWNER

EAST LINE
L-11119, P-6595

525.97' DEED & MEAS.
N00° 51' 25"E

N00° 51' 25"E
395.97'

S89°08'35"E
20.00'

N89°08'35"W
60.00' D. & M.

N00°51'25"E
130.00'

N00°51'25"E
30.00' D. & M.

N89°08'35" W 1162.05' DEED & MEAS.

SOUTH LINE - 6274, P-19, PARCEL NO. 2

S89°10'54"E

1901.15' DEED & M.

50.0' WIDE EASEMENT TO NEW YORK STATE ELECTRIC & GAS CORP.
L-10,737, P-374

SITE PLAN
SCALE: 1"=40'

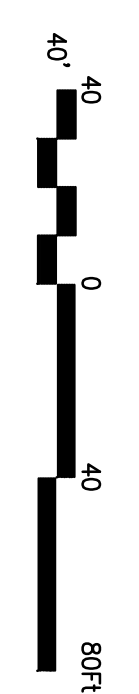
- DETAIL LEGEND** SEE SITE DETAIL SHEET
- 1 CONCRETE CURB
 - 2 CONCRETE SIDEWALK
 - 3 6" TALL CHAIN LINK FENCE
 - 4A LIGHT DUTY ASPHALT
 - 4B MODERATE-HEAVY DUTY ASPHALT
 - 4C EXTERIOR CONCRETE SLAB ON GRADE
 - 4D MILLINGS PAVEMENT SECTION

- 5 90° PARKING STALL
- 6 HANDICAP PAVEMENT MARKINGS
- 7 HANDICAPPED PARKING SIGN
- 8 HANDICAP PAVEMENT RAMP
- 9 LIGHT POLE FOUNDATION, SEE LIGHTING PLAN
- 10 WOODEN GUIDE RAIL

- NOTE LEGEND**
- 1 INSTALL "NO PARKING" SIGN, MULTICD, SIGN NO. P1-1C
 - 2 4" WIDE YELLOW PAINT STRIPES @ 45' & 2' O.C. INSTALL AREAS SHOWN
 - 3 FINISH CURB IN 2' OR MATCH EXISTING CURB
 - 4 MATCH EX. EDGE OF PAVEMENT & OR S.W. SAWCUT AS REQ'D TO ACHIEVE SQUARE EDGE TO MATCH
 - 5 LANDSCAPED AREA - SEE LANDSCAPE PLAN, IF NO PLANTINGS, INSTALL TOPSOIL & SEED

- SITE LEGEND**
- PROPERTY LINE
 - PROPOSED CONCRETE CURB
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED SIGN
 - PROPOSED PARKING NUMBER
 - PROPOSED LIGHT POLE
 - PROPOSED WALL MOUNTED LIGHT

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



REVISIONS:	
No.	Description

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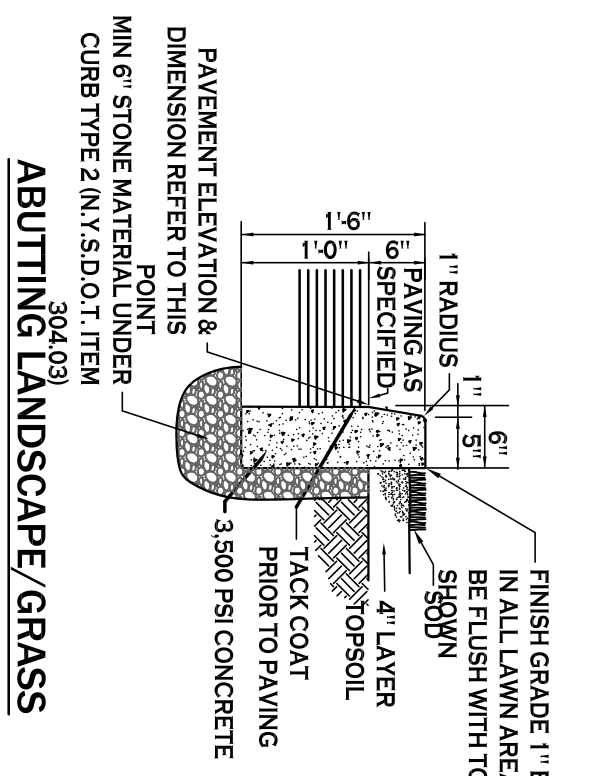
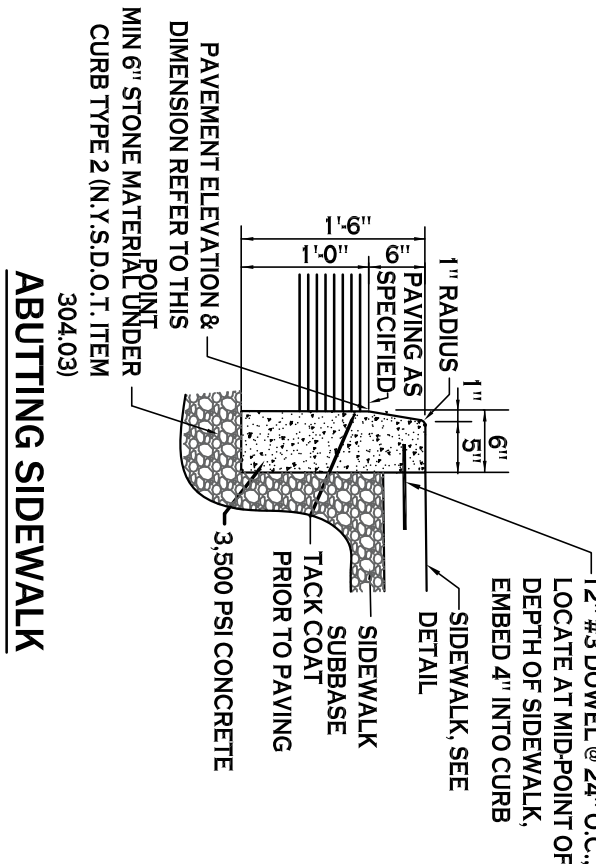
PRELIMINARY
NOT FOR CONSTRUCTION

Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted
C-103
Project No.: 22.117

DRAWING NAME:
Site
Plan - West

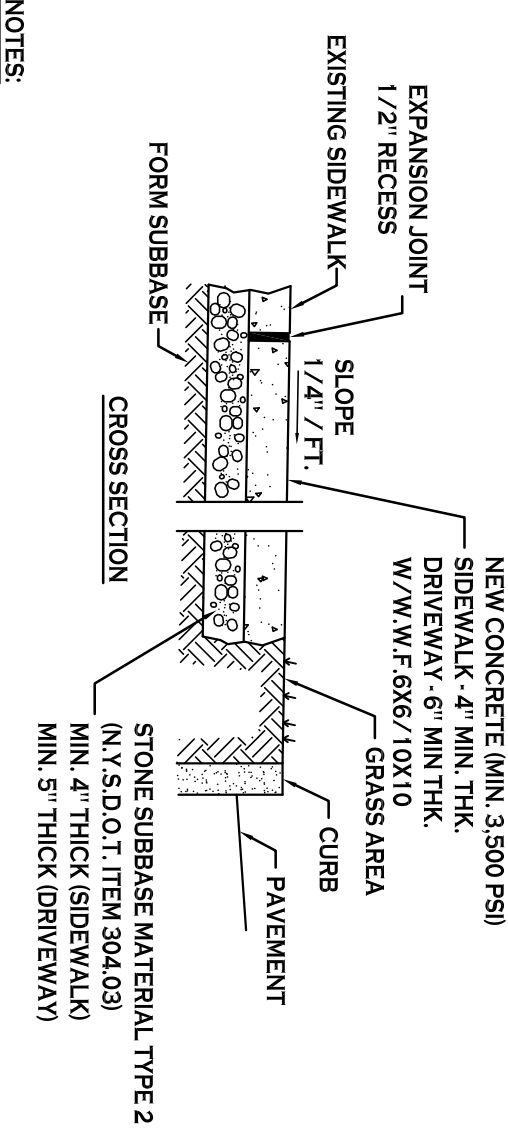
Sealed: XX.XX.XXXX

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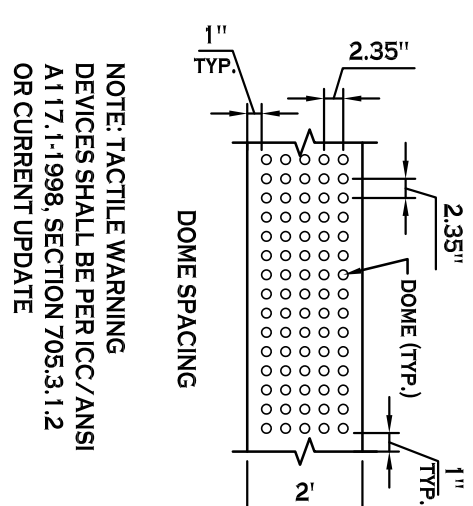
TYPE "A" CONCRETE CURB - 1

- 1. CONTROL JOINTS TO BE 2' DEEP AT 15'-0" O.C. - SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS IN NSDOT 702.0700
- 2. SHALL BE INCREASED TO 15' AND OTHER DIMENSIONS ADJUSTED ACCORDINGLY.

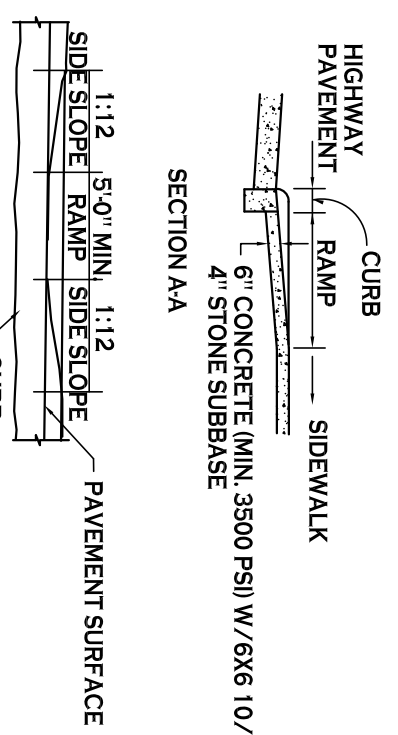


- 1. CONTROL JOINTS TO BE AT 15'-0" O.C. BOTHWAYS WHERE APPLICABLE. SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS IN NSDOT 702.0700.
- 2. CONCRETE SIDEWALK AND DRIVEWAY MATERIAL SHALL CONFORM TO NSDOT STANDARD SPECIFICATION 608.3 AND CONSTRUCTION METHODS SHALL CONFORM TO NSDOT STANDARD SPECIFICATION 608.3.
- 3. SUBBASE GRADE SHALL FOLLOW THE PROPOSED GRADE OF THE SIDEWALK AND SLOPE AWAY FROM BUILDING WHERE APPLICABLE. PROVIDE CONTINUOUS STONE PATH TO CURB UNDERDRAIN WHERE PROVIDED.
- 4. FULL DEPTH EXPANSION JOINTS SHALL BE INSTALLED EVERY 20' O.C. BOTHWAYS WHERE APPLICABLE. SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS IN NSDOT 702.0700.
- 5. SEE CURB DETAIL FOR DOWLING REQUIREMENTS WHERE ABUTTING CURB.
- 6. INSTALL 6" LONG #3 DOWELS @ 12" O.C. WHERE SIDEWALK ABUTS A BUILDING WALL AT AN ENTRANCE. THICKEN SIDEWALK TO 6" AT BUILDING WALL AND INSTALL DOWEL CENTERED IN THE 6" DEPTH. DOWELS AND THICKENING OF SIDEWALK SHALL EXTEND 18" EITHER SIDE OF ENTRANCE.
- 7. INSTALL 1/2" PREMOULDED EXPANSION JOINT WITH BACKER ROD & SEALANT WHERE SIDEWALK ABUTS BUILDING OR OTHER STRUCTURE.

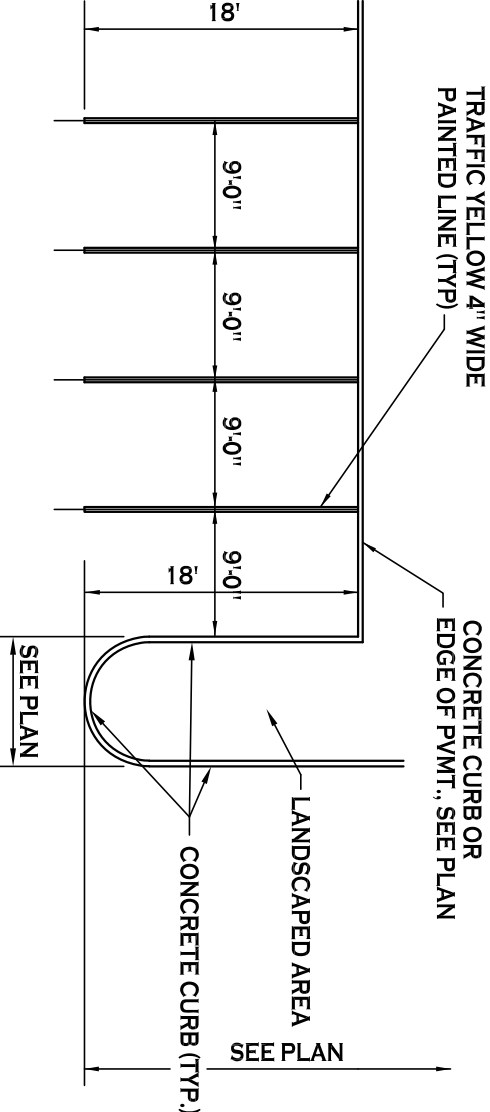
CONCRETE SIDEWALK - 2



SIDEWALK CURB RAMP - 3

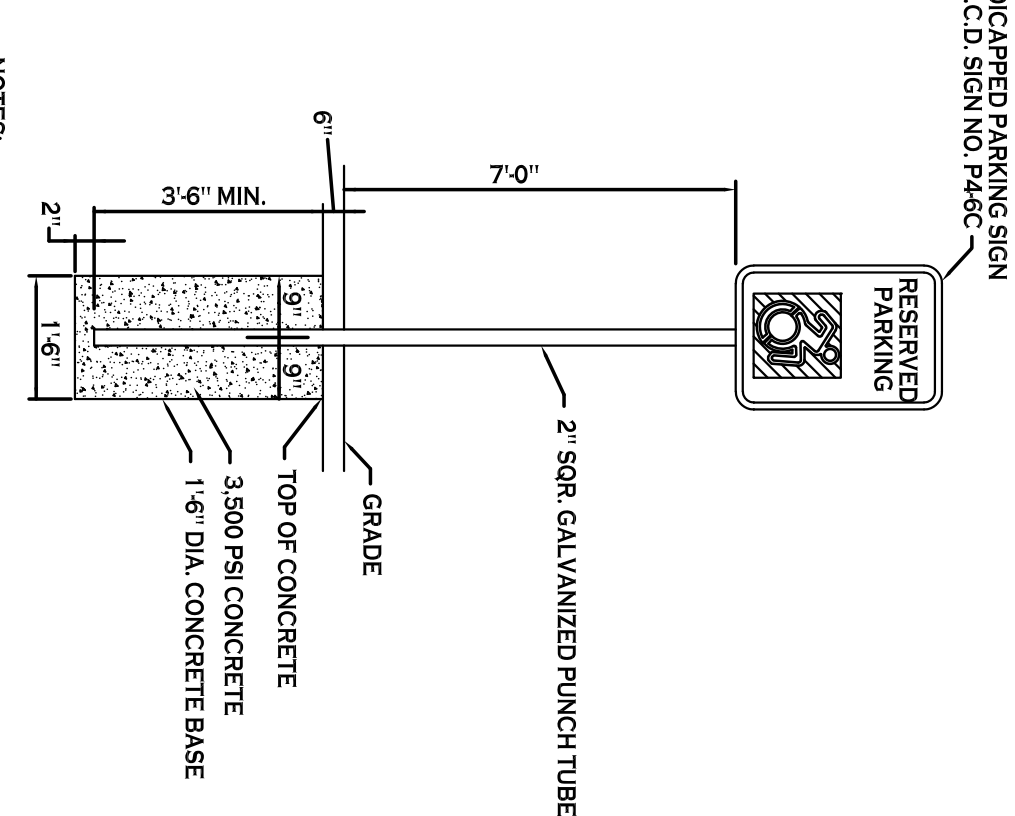


90° PARKING STALL LAYOUT - 5

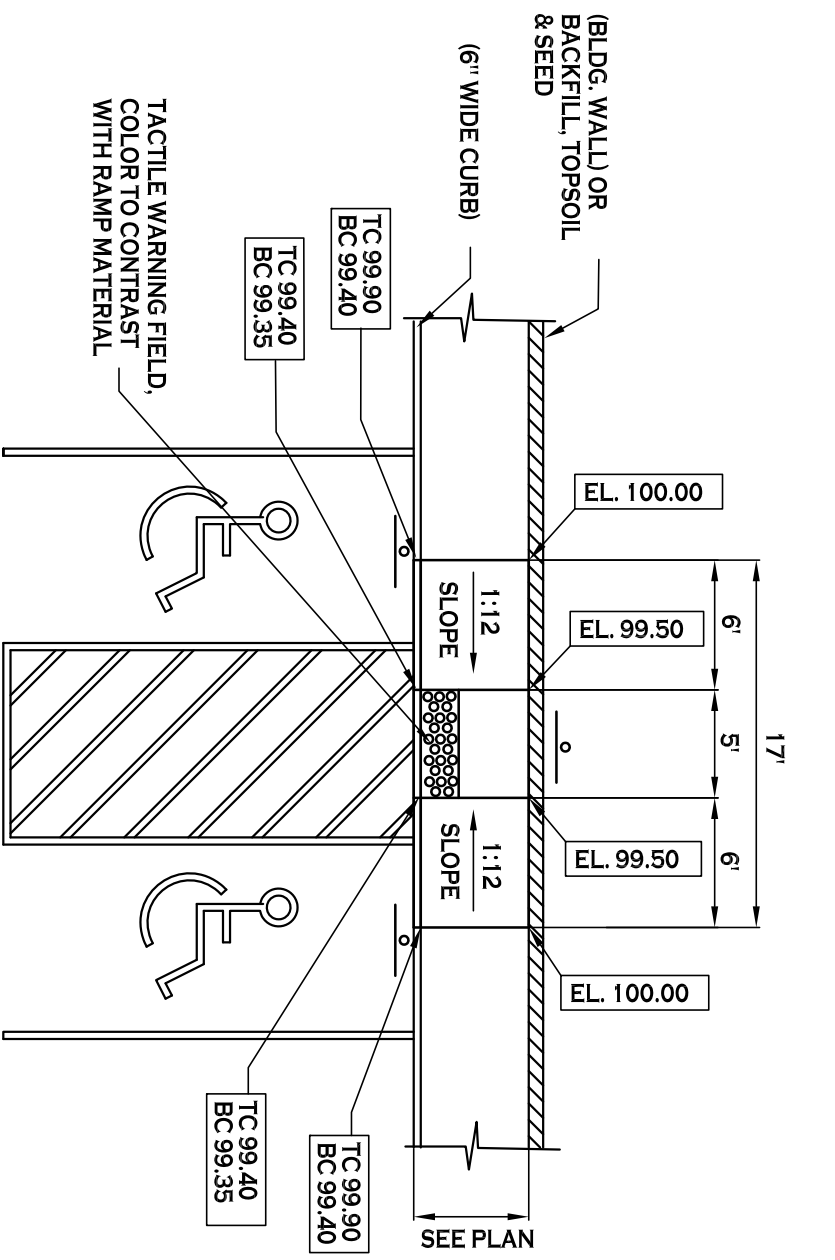


HANDICAPPED PARKING SIGNS - 7

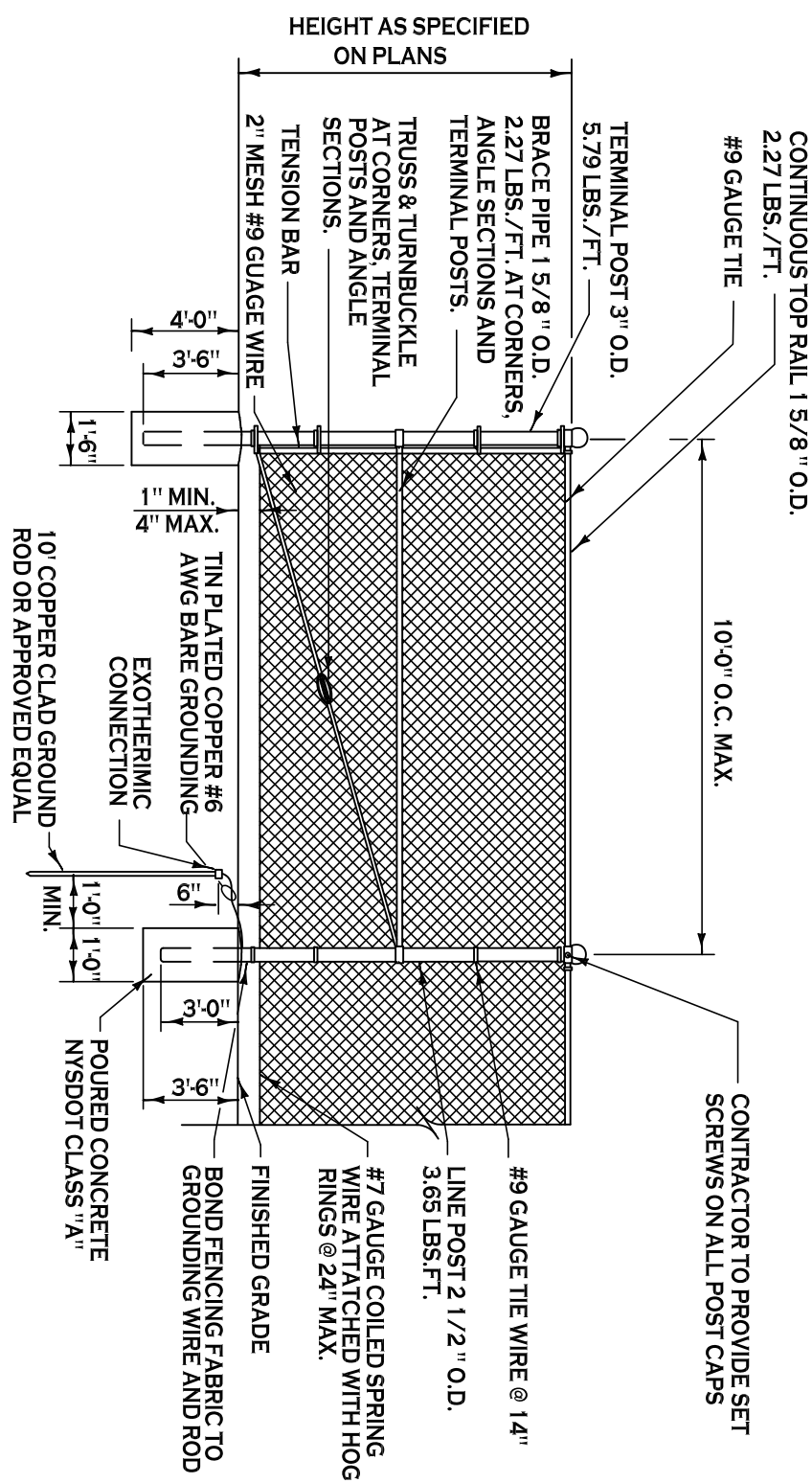
- 1. HANDICAPPED PARKING SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS. INSTALLED IN GRASS/LANDSCAPED AREA



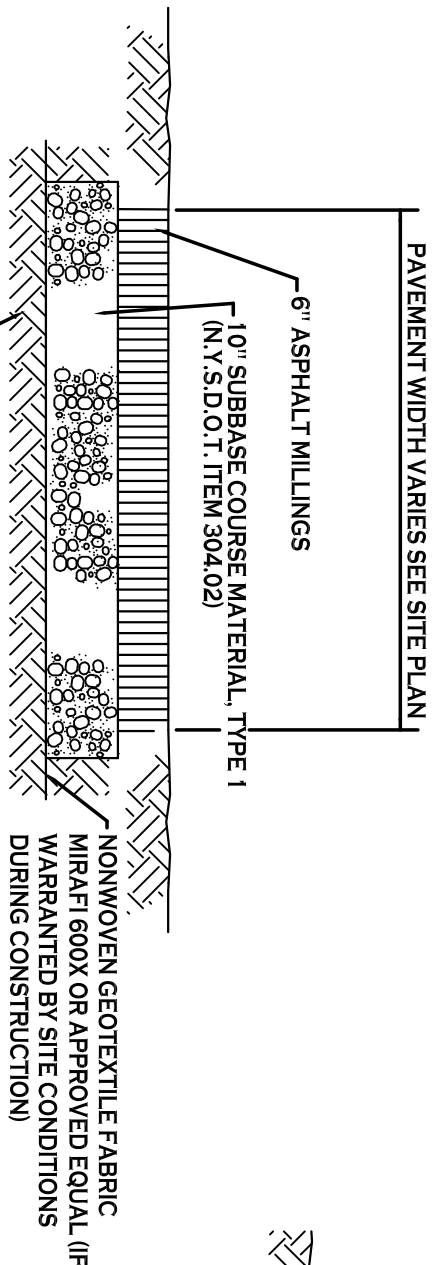
HANDICAPPED PAVEMENT RAMP - 8



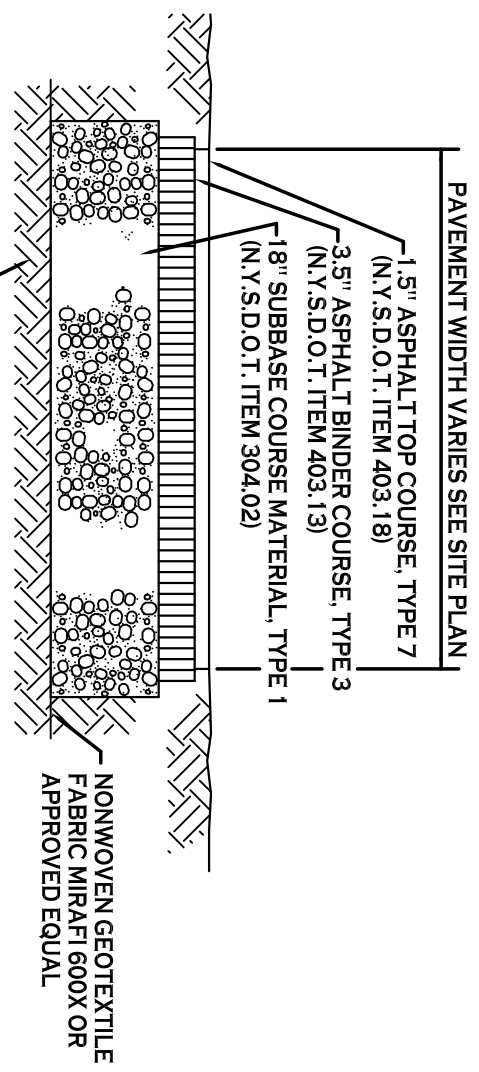
CHAIN LINK FENCE DETAIL - 3



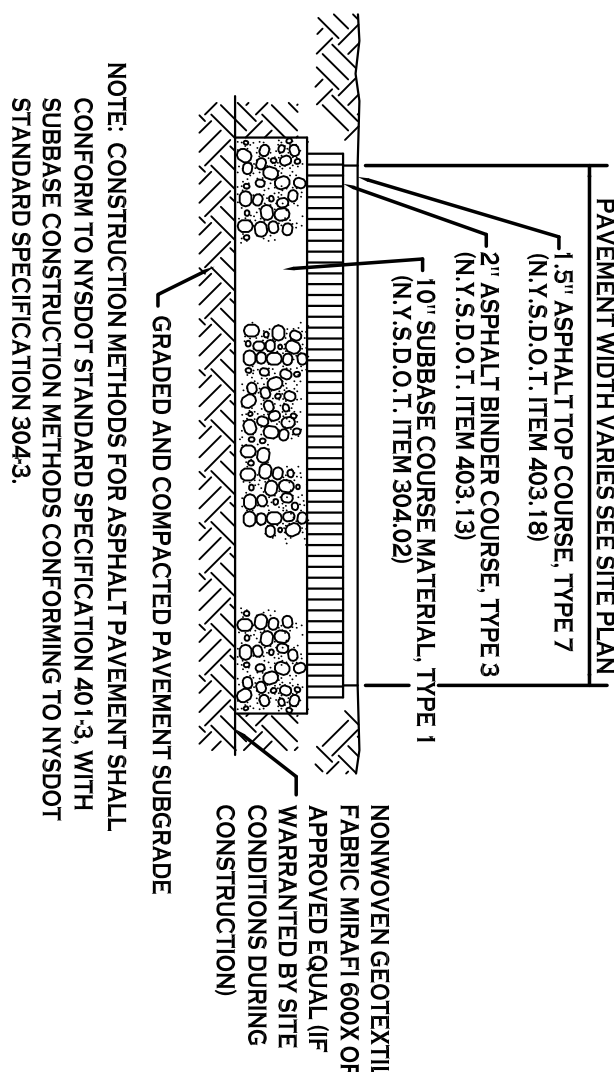
ASPHALT MILLING SECTION - 4D



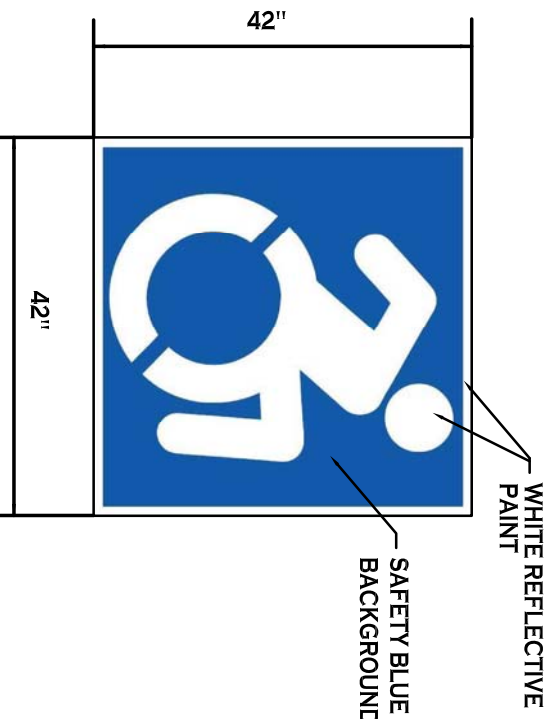
MODERATE - HD ASPHALT SECTION - 4B



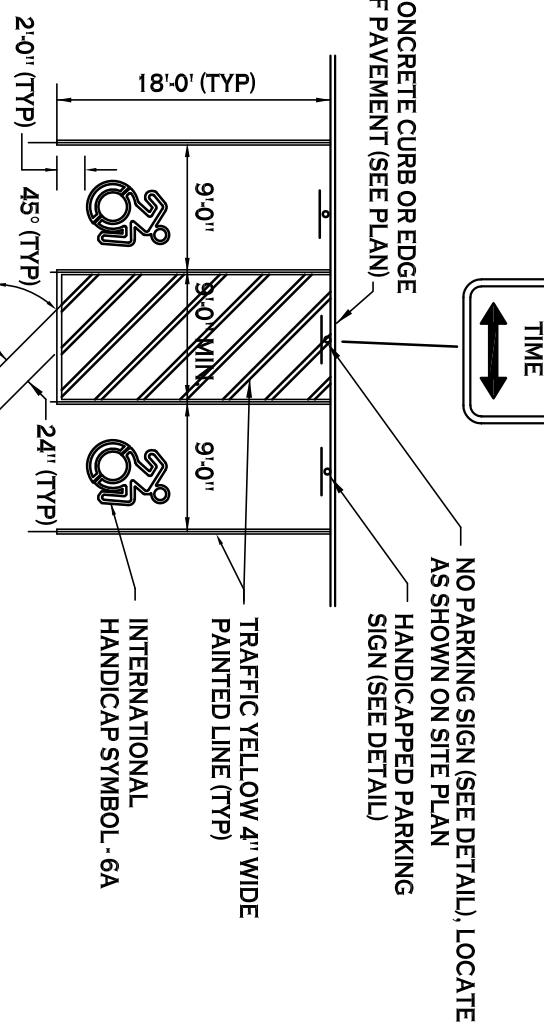
LIGHT DUTY ASPHALT SECTION - 4A



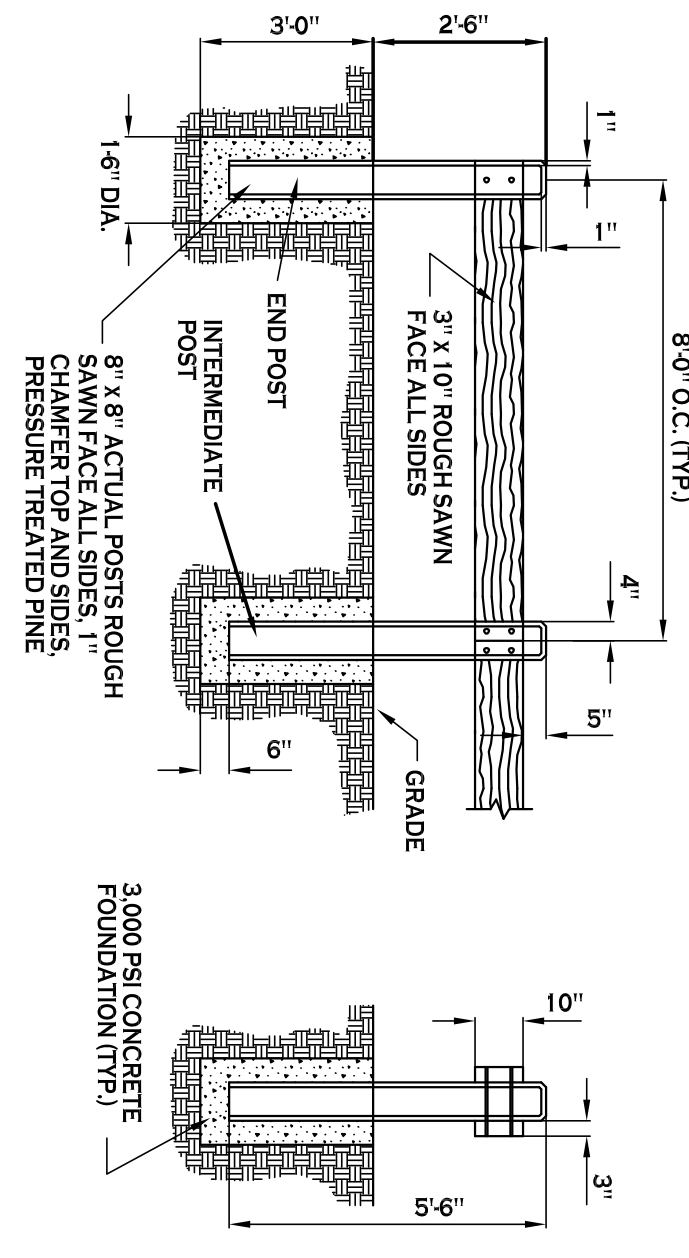
INTERNATIONAL HANDICAP SYMBOL - 6A



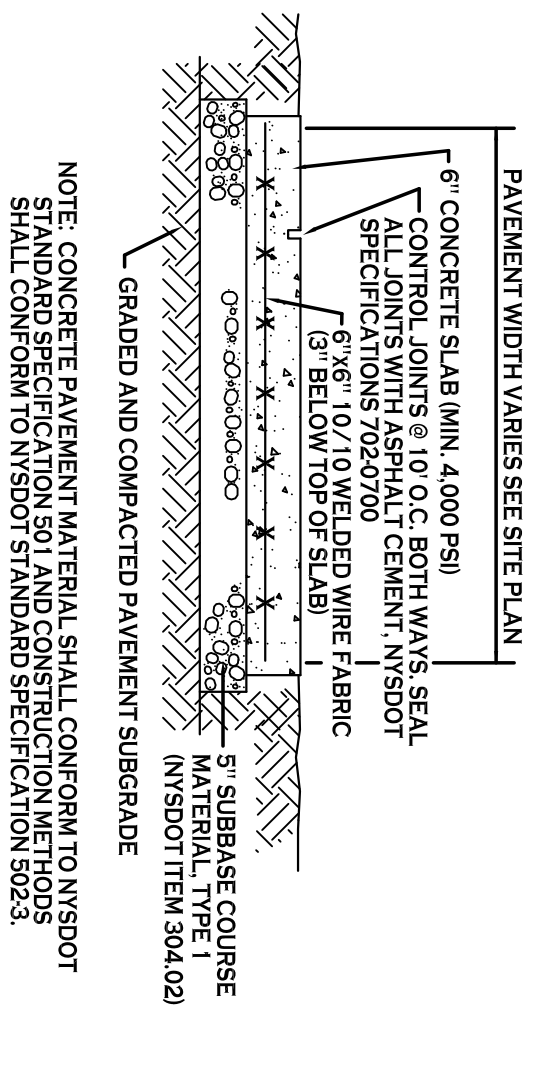
HANDICAPPED PAVEMENT MARKINGS & SIGNAGE - 6



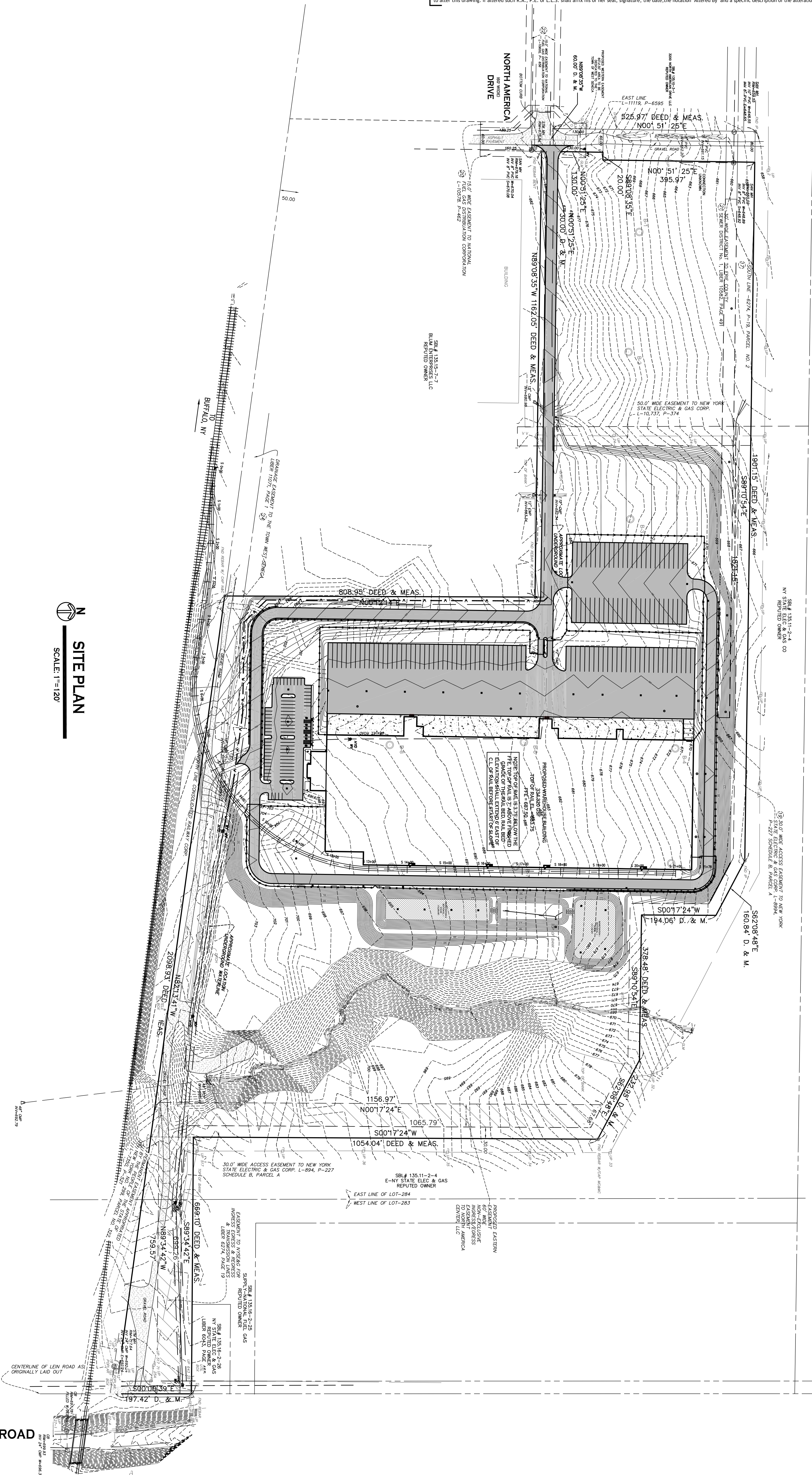
WOODEN GUIDE RAIL - 10



EXTERIOR CONCRETE SLAB-ON-GRADE SECTION - 4C



SITE PLAN
SCALE: 1"=120'



PROPOSED GRADING LEGEND

- PROPOSED CONTOUR — 101 —
- PROPOSED SPOT ELEVATION [607.80]
- PROPOSED TOP/BOTTOM OF CURB/ELEV. [TC 606.44 / BC 605.94]
- PROPOSED CATCH BASIN ■ CB
- PAVEMENT/GROUND SLOPE —
- PROPOSED YARD DRAIN ● YD
- PROPOSED MANHOLE ● MH

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

DATE: 9.12.22
DRAWN BY: C. Wood
SCALE: AS NOTED
DRAWING NO. **C-200**
PROJECT NO.: 22-117

LEIN (WIDTH VARIES) ROAD

REVISIONS:		
No.	Description	Date

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PRELIMINARY
NOT FOR CONSTRUCTION

SBL# 135.11-2-4
 NY STATE ELEC & GAS CO
 REPUTED OWNER

30.0' WIDE ACCESS EASEMENT TO NEW YORK
 STATE ELECTRIC & GAS CORP. L-8994,
 P-227 SCHEDULE B, PARCEL A

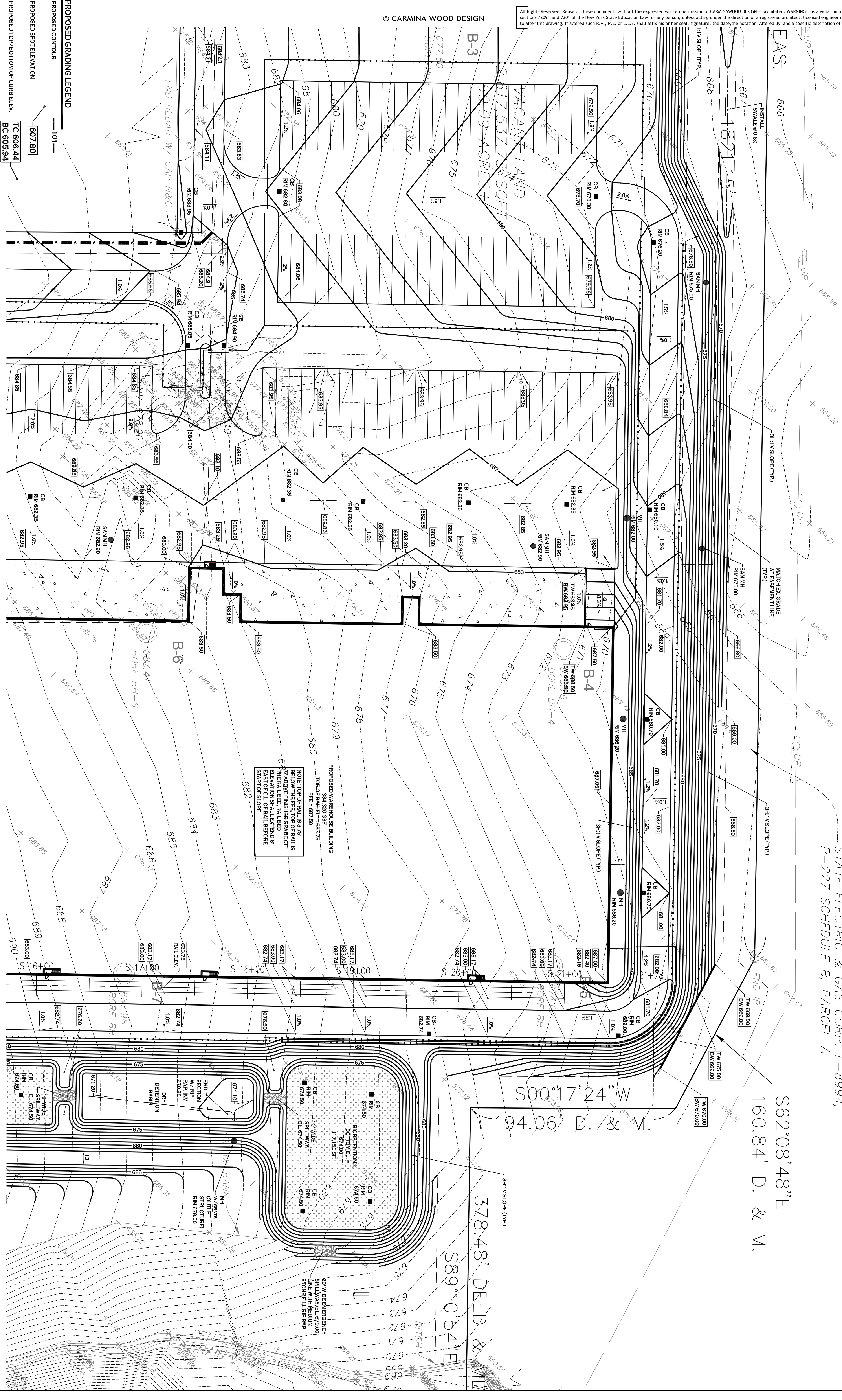
S62°08'48"E
 160.84' D. & M.

S00°17'24"W
 194.06' D. & M.

378.48' DEED & MEASUREMENT
 S89°10'54"E

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- PROPOSED GRADING LEGEND
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED TOP/BOTTOM OF CURB ELEV.
- PROPOSED CATCH BASIN
- PAVEMENT/GROUND SLOPE
- PROPOSED YARD DRAIN
- PROPOSED MANHOLE

- TC 606.44
- BC 605.94
- 101
- CB
- YD
- MH

PLAN
 SCALE: 1"=40'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

DRAWING NO. C-201
 Project No: 22.117

DRAWING NAME: Grading Plan - North

REVISIONS:

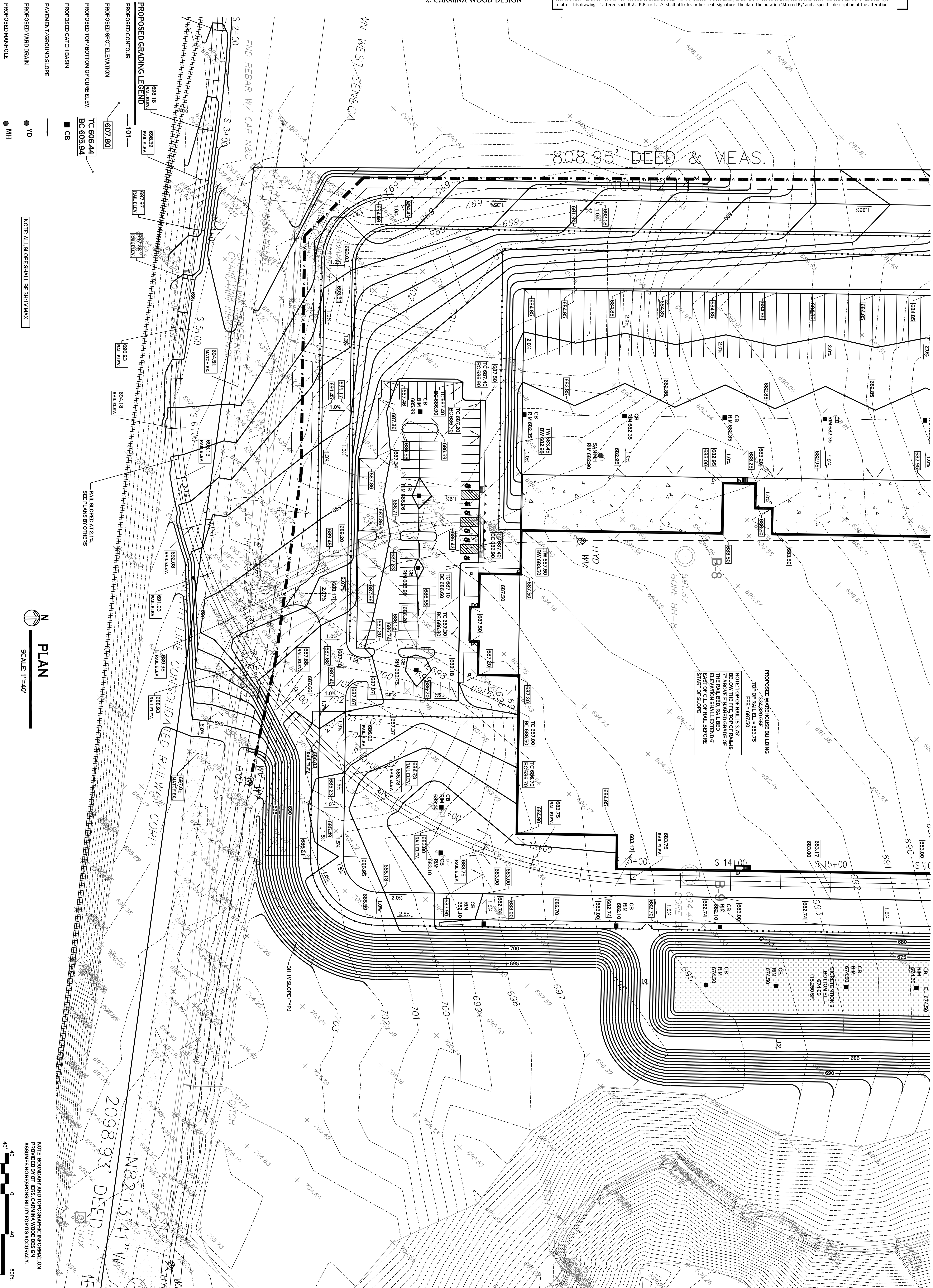
No.	Description	Date

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 Greensboro, North Carolina 27406
 Phone: (336) 937-9009



DATE: 9.12.22
 DRAWN BY: C. Wood
 SCALE: As Noted

DRAWING NAME:
 Grading
 Plan - South

PRELIMINARY
 NOT FOR CONSTRUCTION

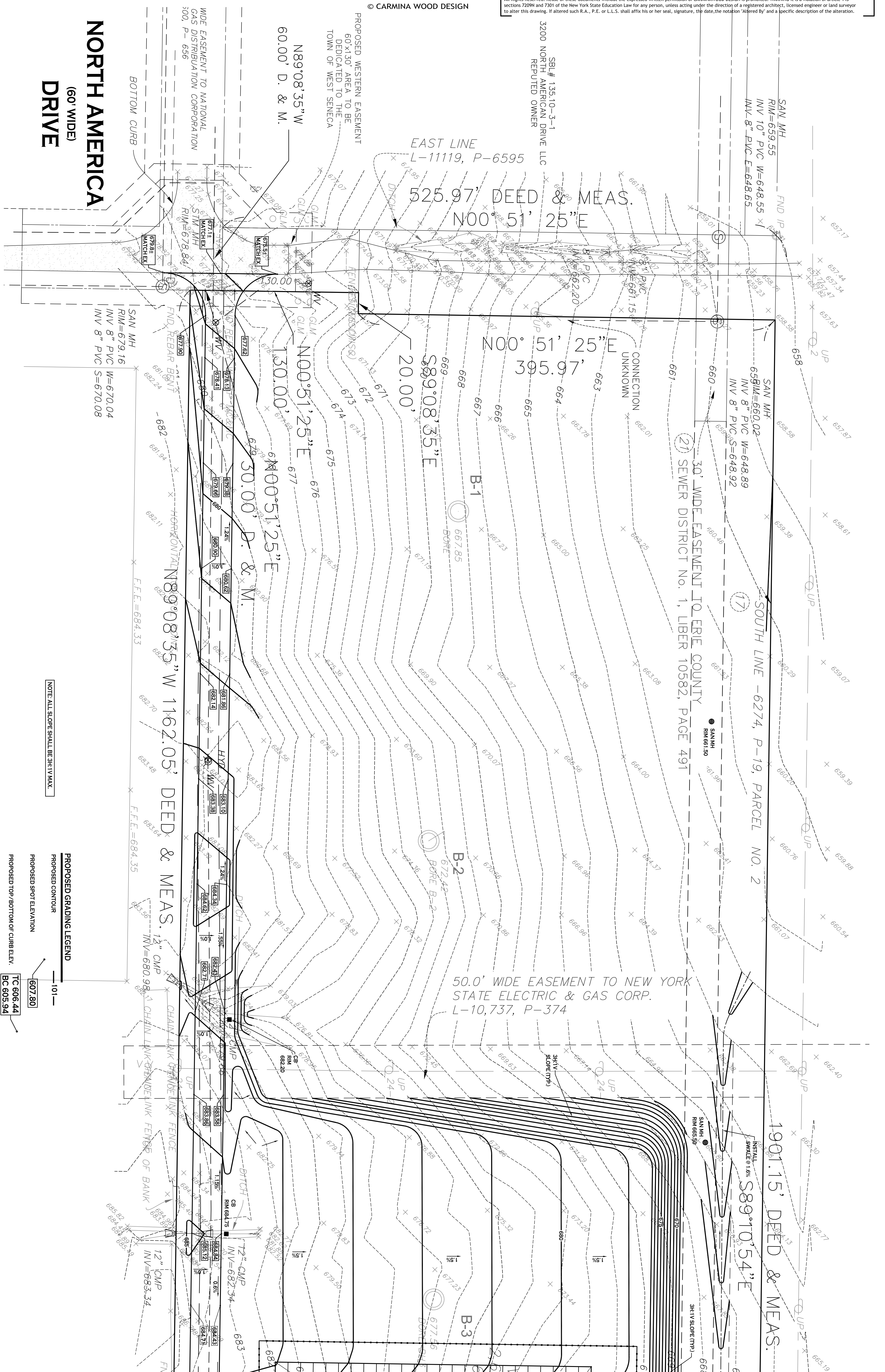
REVISIONS:		
No.	Description	Date

Proposed Warehouse
 North America Drive
 West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
 Buffalo, New York 14203
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111 Bain Street, Suite 332
 Greensboro, North Carolina 27406
 Phone: (336) 937-9009



NOTE: ALL SLOPE SHALL BE 3H:1V MAX.

PROPOSED GRADING LEGEND

- PROPOSED CONTOUR 101
- PROPOSED SPOT ELEVATION 607.80
- PROPOSED TOP/BOTTOM OF CURB ELEV. TC 606.44
BC 605.94
- PROPOSED CATCH BASIN CB
- PAVEMENT/ROUND SLOPE YD
- PROPOSED YARD DRAIN YD
- PROPOSED MANHOLE MH

PLAN
SCALE: 1"=40'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

40' 0 40 80 FT

REVISIONS:	
No.	Description

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Greensboro, North Carolina 27406
Phone: (336) 937-9009

DRAWING NAME:
Grading
Plan - West

DATE: 9.12.22
DRAWN BY: C. Wood
SCALE: As Noted

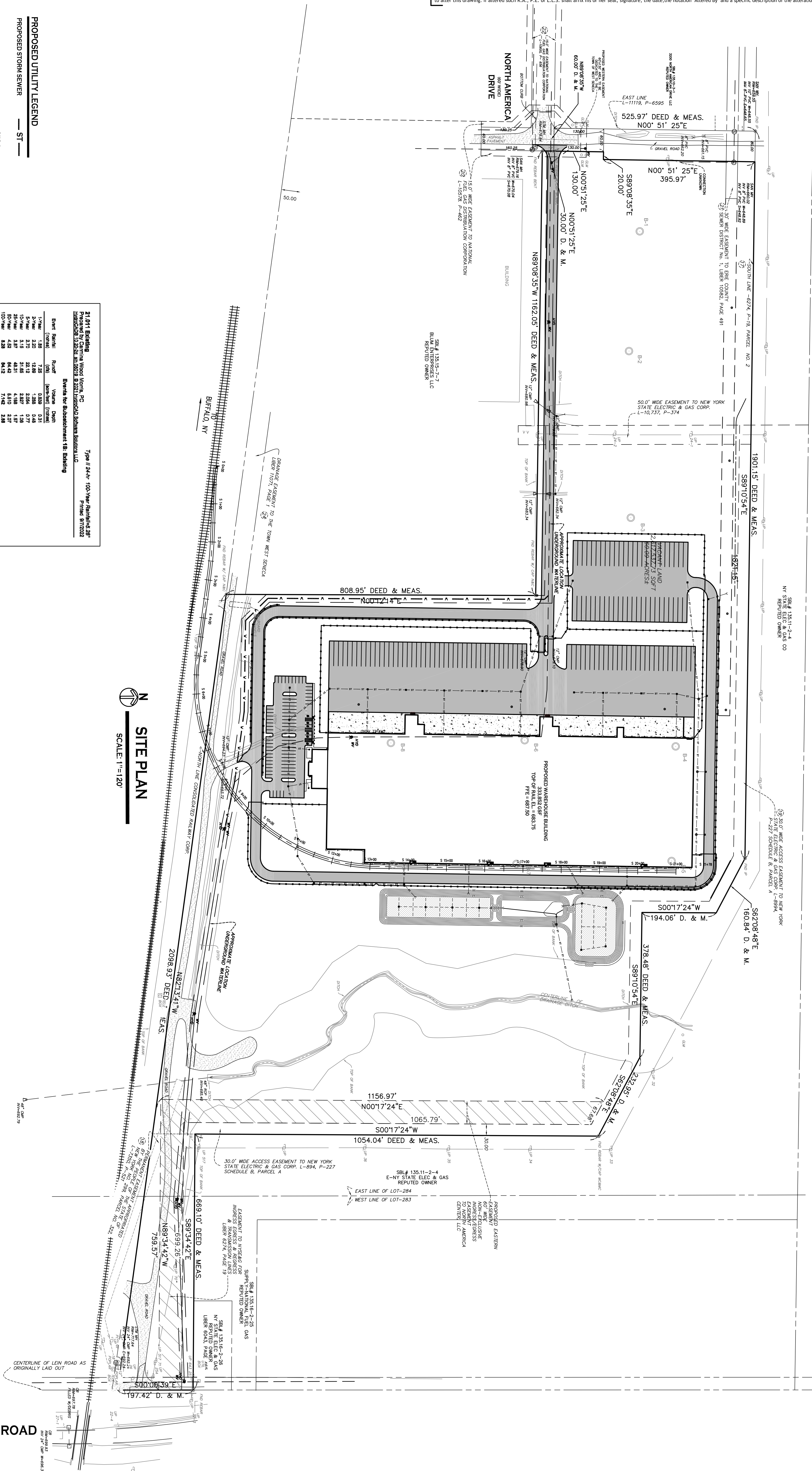
C-203
Project No.: 22.117

PRELIMINARY
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Sealed: XX.XX.XXXX

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SITE PLAN
SCALE: 1"=120'

21.011 Building
Proposed by Carmina Wood North, PC
Prepared by Carmina Wood Design, LLC
2021/08/08 10:00 AM

Event	Height	Radius	Volume	Depth
1-Wall	1.28	7.28	0.289	0.21
2-Wall	2.20	12.89	1.285	0.46
3-Wall	3.12	22.12	2.924	0.77
4-Wall	4.04	31.35	5.141	1.08
5-Wall	4.96	40.58	6.927	1.39
6-Wall	5.88	49.81	8.282	1.69
7-Wall	6.80	59.04	9.257	1.99
8-Wall	7.72	68.27	9.892	2.29
9-Wall	8.64	77.50	10.227	2.59
10-Wall	9.56	86.73	10.312	2.89
11-Wall	10.48	95.96	10.197	3.19
12-Wall	11.40	105.19	9.932	3.49
13-Wall	12.32	114.42	9.467	3.79
14-Wall	13.24	123.65	8.852	4.09
15-Wall	14.16	132.88	8.037	4.39
16-Wall	15.08	142.11	7.072	4.69
17-Wall	16.00	151.34	6.017	4.99
18-Wall	16.92	160.57	4.932	5.29
19-Wall	17.84	169.80	3.787	5.59
20-Wall	18.76	179.03	2.642	5.89
21-Wall	19.68	188.26	1.447	6.19
22-Wall	20.60	197.49	0.252	6.49

22.117 Proposed Basin
Proposed by Carmina Wood North, PC
Prepared by Carmina Wood Design, LLC
2021/08/08 10:00 AM

Event	Inflow	Outflow	Primary	Secondary	Elevation	Storage
1-Wall	2.20	2.20	0.00	0.00	691.51	0.00
2-Wall	2.20	2.20	0.00	0.00	691.51	0.00
3-Wall	2.20	2.20	0.00	0.00	691.51	0.00
4-Wall	2.20	2.20	0.00	0.00	691.51	0.00
5-Wall	2.20	2.20	0.00	0.00	691.51	0.00
6-Wall	2.20	2.20	0.00	0.00	691.51	0.00
7-Wall	2.20	2.20	0.00	0.00	691.51	0.00
8-Wall	2.20	2.20	0.00	0.00	691.51	0.00
9-Wall	2.20	2.20	0.00	0.00	691.51	0.00
10-Wall	2.20	2.20	0.00	0.00	691.51	0.00
11-Wall	2.20	2.20	0.00	0.00	691.51	0.00
12-Wall	2.20	2.20	0.00	0.00	691.51	0.00
13-Wall	2.20	2.20	0.00	0.00	691.51	0.00
14-Wall	2.20	2.20	0.00	0.00	691.51	0.00
15-Wall	2.20	2.20	0.00	0.00	691.51	0.00
16-Wall	2.20	2.20	0.00	0.00	691.51	0.00
17-Wall	2.20	2.20	0.00	0.00	691.51	0.00
18-Wall	2.20	2.20	0.00	0.00	691.51	0.00
19-Wall	2.20	2.20	0.00	0.00	691.51	0.00
20-Wall	2.20	2.20	0.00	0.00	691.51	0.00
21-Wall	2.20	2.20	0.00	0.00	691.51	0.00
22-Wall	2.20	2.20	0.00	0.00	691.51	0.00

22.117 Proposed Basin
Proposed by Carmina Wood North, PC
Prepared by Carmina Wood Design, LLC
2021/08/08 10:00 AM

Event	Height	Radius	Volume	Depth
1-Wall	2.20	7.28	0.289	0.21
2-Wall	2.20	12.89	1.285	0.46
3-Wall	2.20	22.12	2.924	0.77
4-Wall	2.20	31.35	5.141	1.08
5-Wall	2.20	40.58	6.927	1.39
6-Wall	2.20	49.81	8.282	1.69
7-Wall	2.20	59.04	9.257	1.99
8-Wall	2.20	68.27	9.892	2.29
9-Wall	2.20	77.50	10.227	2.59
10-Wall	2.20	86.73	10.312	2.89
11-Wall	2.20	95.96	10.197	3.19
12-Wall	2.20	105.19	9.932	3.49
13-Wall	2.20	114.42	9.467	3.79
14-Wall	2.20	123.65	8.852	4.09
15-Wall	2.20	132.88	8.037	4.39
16-Wall	2.20	142.11	7.072	4.69
17-Wall	2.20	151.34	6.017	4.99
18-Wall	2.20	160.57	4.932	5.29
19-Wall	2.20	169.80	3.787	5.59
20-Wall	2.20	179.03	2.642	5.89
21-Wall	2.20	188.26	1.447	6.19
22-Wall	2.20	197.49	0.252	6.49

Proposed Tunnel Summary

Event	Ex. Height	In. No. of Bars	Result (ft)
1-Wall	7.25	3.21 + 4.60 = 7.81	4.08
20-Wall	11.15	1.28 + 11.71 = 13.02	4.68
100-Wall	14.12	3.89 + 24.65 = 28.58	45.54

** See attached storm drainage calculations for additional information.

- PROPOSED UTILITY LEGEND**
- ST — PROPOSED STORM SEWER
 - 6"SA — PROPOSED SANITARY SEWER
 - 1"W — PROPOSED WATERLINE
 - CB PROPOSED CATCH BASIN
 - YD PROPOSED YARD DRAIN
 - MH PROPOSED MANHOLE
 - PROPOSED HYDRANT ASSEMBLY
 - PROPOSED GATE VALVE

NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 8" WIDER ON ALL SIDES THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 8" THICK.

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

240ft.
120'
0
120'

DRAWING NAME:
Storm Drainage Plan

DRAWING NO.:
C-300

Project No.: 22-117

DATE: 9.12.22
Drawn By: C. Wood
Scale: As Noted

PRELIMINARY
NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165

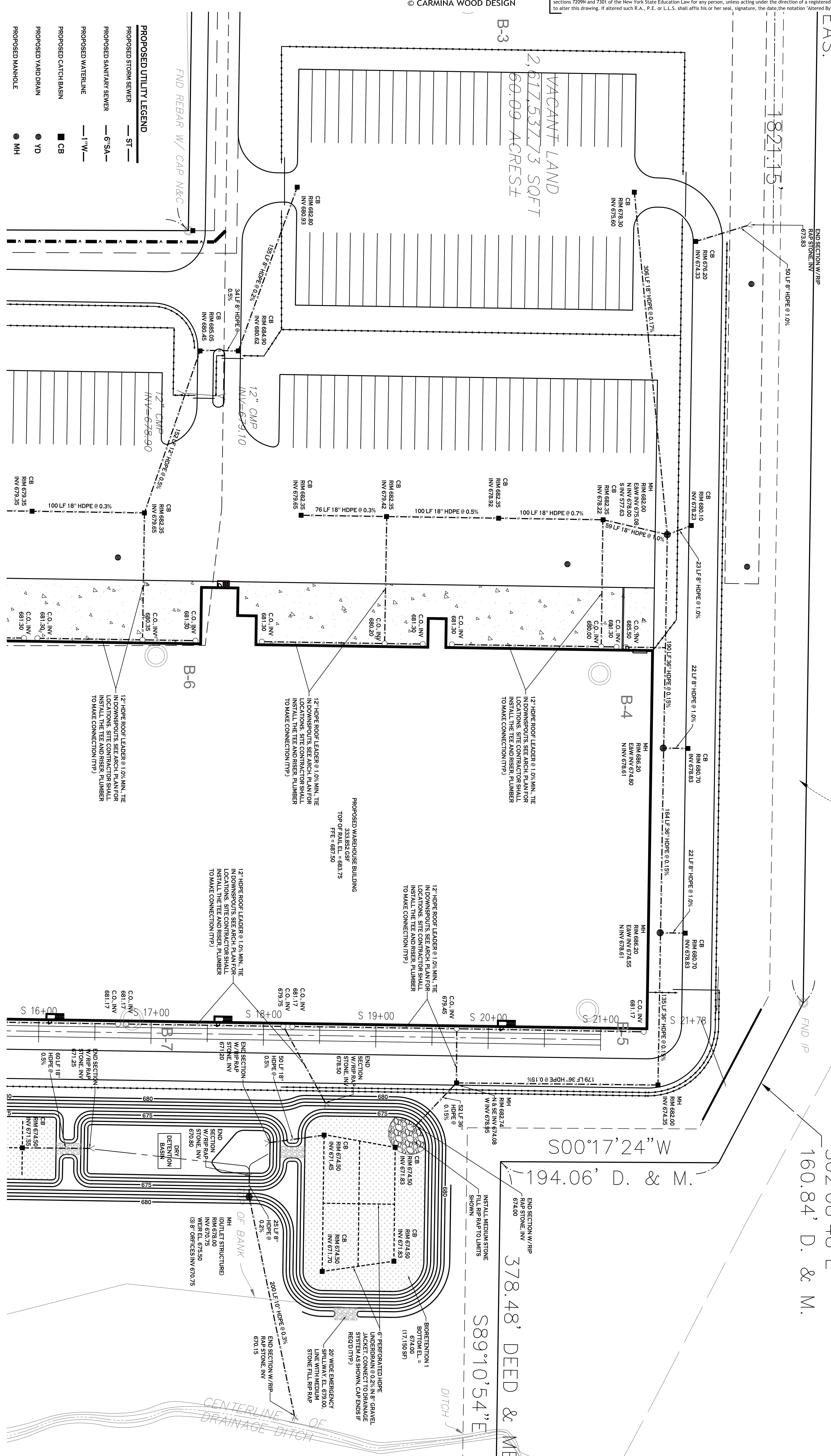
111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009

SBL# 135.11-2-4
 NY STATE ELEC & GAS CO
 REPUTED OWNER

30.0' WIDE ACCESS EASEMENT TO NEW YORK
 STATE ELECTRIC & GAS CORP. L-8994,
 P-227 SCHEDULE B, PARCEL A

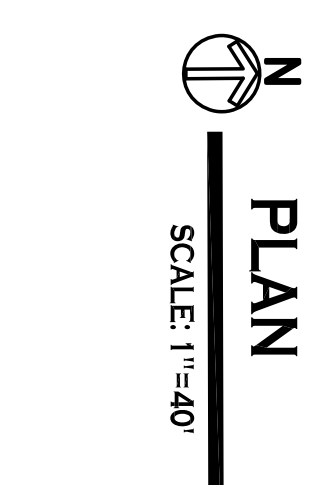
S62°08'48"E
 160.84' D. & M.

S00°17'24"W
 194.06' D. & M.
 378.48' DEED & ME
 S89°10'54"E



- PROPOSED UTILITY LEGEND**
- ST — PROPOSED STORM SEWER
 - 6" SA — PROPOSED SANITARY SEWER
 - 1" W — PROPOSED WATERLINE
 - CB PROPOSED CATCH BASIN
 - YD PROPOSED YARD DRAIN
 - MH PROPOSED MANHOLE
 - PROPOSED HYDRANT ASSEMBLY
 - ⊕ GV PROPOSED GATE VALVE

NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 6" WIDER, ON ALL SIDES, THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 8" THICK.



NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINAWOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

REVISIONS:

No.	Description	Date

Proposed Warehouse
 North America Drive
 West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
 Buffalo, New York 14203
 Phone: (716) 842-3165

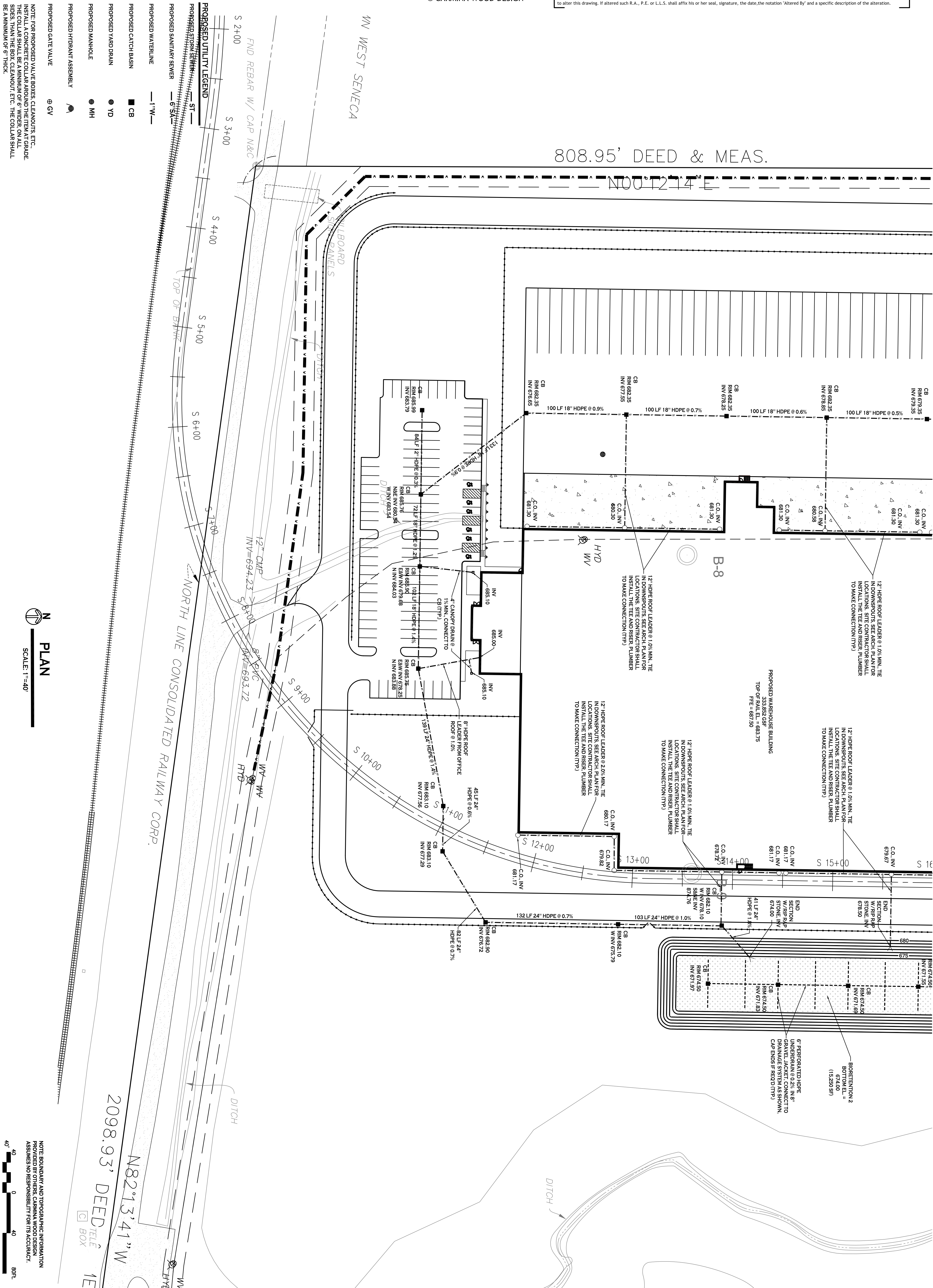
111 Bain Street, Suite 332
 Greensboro, North Carolina 27406
 Phone: (336) 937-9009

DRAWING NO. **C-301**
 Project No: 22-117

DRAWING NAME:
Storm Drainage Plan - North

Date: 9.12.22
 Drawn By: C. Wood
 Scale: As Noted

PRELIMINARY
 NOT FOR CONSTRUCTION



PLAN
SCALE: 1"=40'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

BOX

PRELIMINARY
NOT FOR CONSTRUCTION

REVISIONS:		
No.	Description	Date

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165

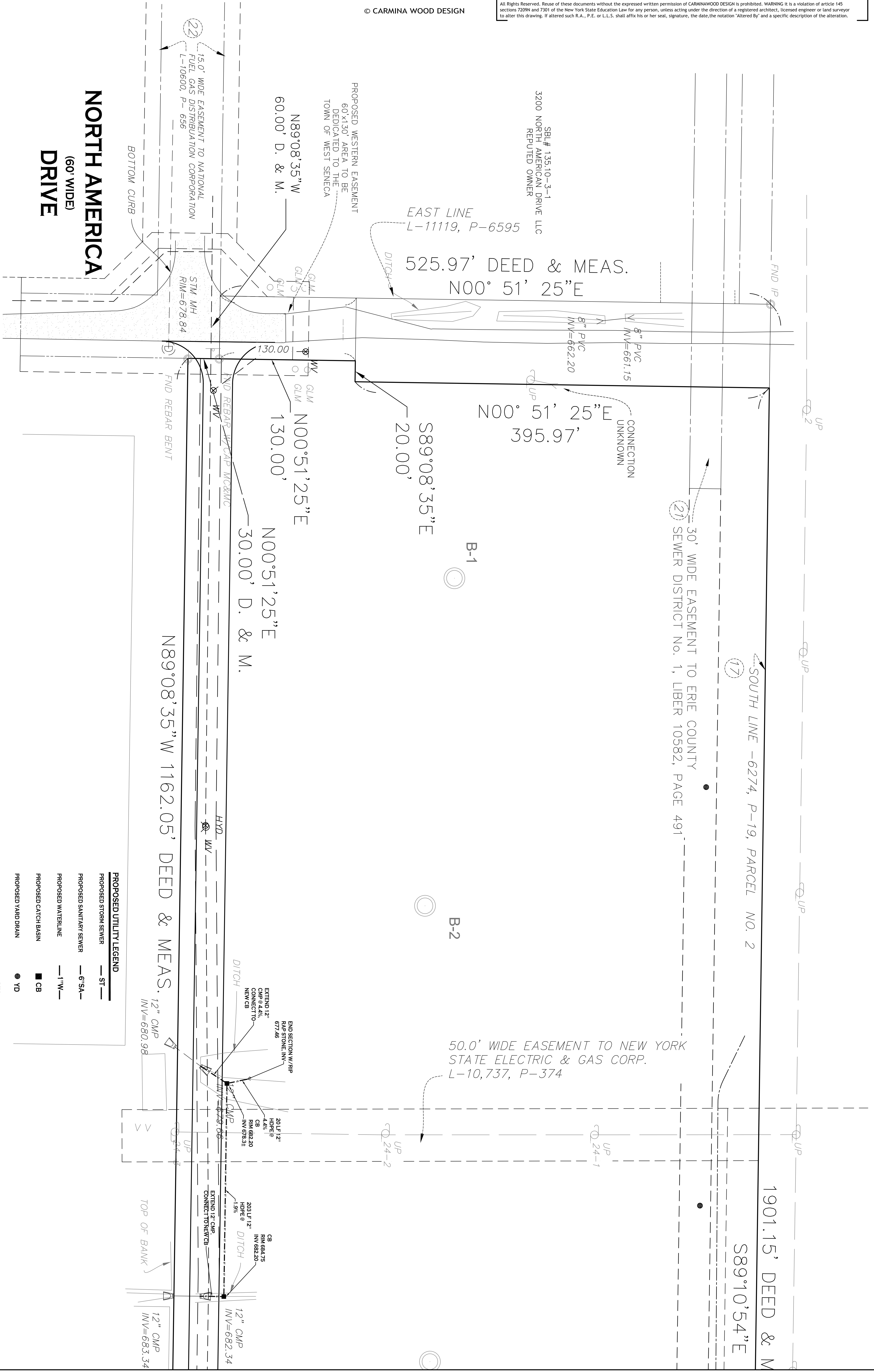
111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009

DRAWING NO. **C-302**
Project No: 22-117

DRAWING NAME:
Storm Drainage Plan - South

Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted

Sealed: XX.XX.XXXX



NORTH AMERICA DRIVE
(60' WIDE)

15.0' WIDE EASEMENT TO NATIONAL FUEL GAS DISTRIBUTION CORPORATION
L-10600, P-656

PROPOSED WESTERN EASEMENT
60'x130' AREA TO BE DEDICATED TO THE TOWN OF WEST SENECA

SBL # 135.10-3-1
3200 NORTH AMERICAN DRIVE LLC
REPUTED OWNER

EAST LINE
L-11119, P-6595

525.97' DEED & MEAS.
N00° 51' 25"E

N00° 51' 25"E
395.97'

S89°08'35"E
20.00'

N00°51'25"E
130.00'

N00°51'25"E
30.00' D. & M.

N89°08'35" W 1162.05' DEED & MEAS.

SOUTH LINE - 6274, P-19, PARCEL NO. 2

30' WIDE EASEMENT TO ERIE COUNTY SEWER DISTRICT NO. 1, LIBER 10582, PAGE 491

50.0' WIDE EASEMENT TO NEW YORK STATE ELECTRIC & GAS CORP.
L-10,737, P-374

1901.15' DEED & M
S89°10'54"E

PLAN
SCALE: 1"=40'

PROPOSED UTILITY LEGEND

- PROPOSED STORM SEWER — ST —
- PROPOSED SANITARY SEWER — 6"SA —
- PROPOSED WATERLINE — 1"W —
- PROPOSED CATCH BASIN ■ CB
- PROPOSED YARD DRAIN ● YD
- PROPOSED MANHOLE ● MH
- PROPOSED HYDRANT ASSEMBLY ●
- PROPOSED GATE VALVE @ GV

NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 6" WIDER, ON ALL SIDES, THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 6" THICK.

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

REVISIONS:	
No.	Description

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165

111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009

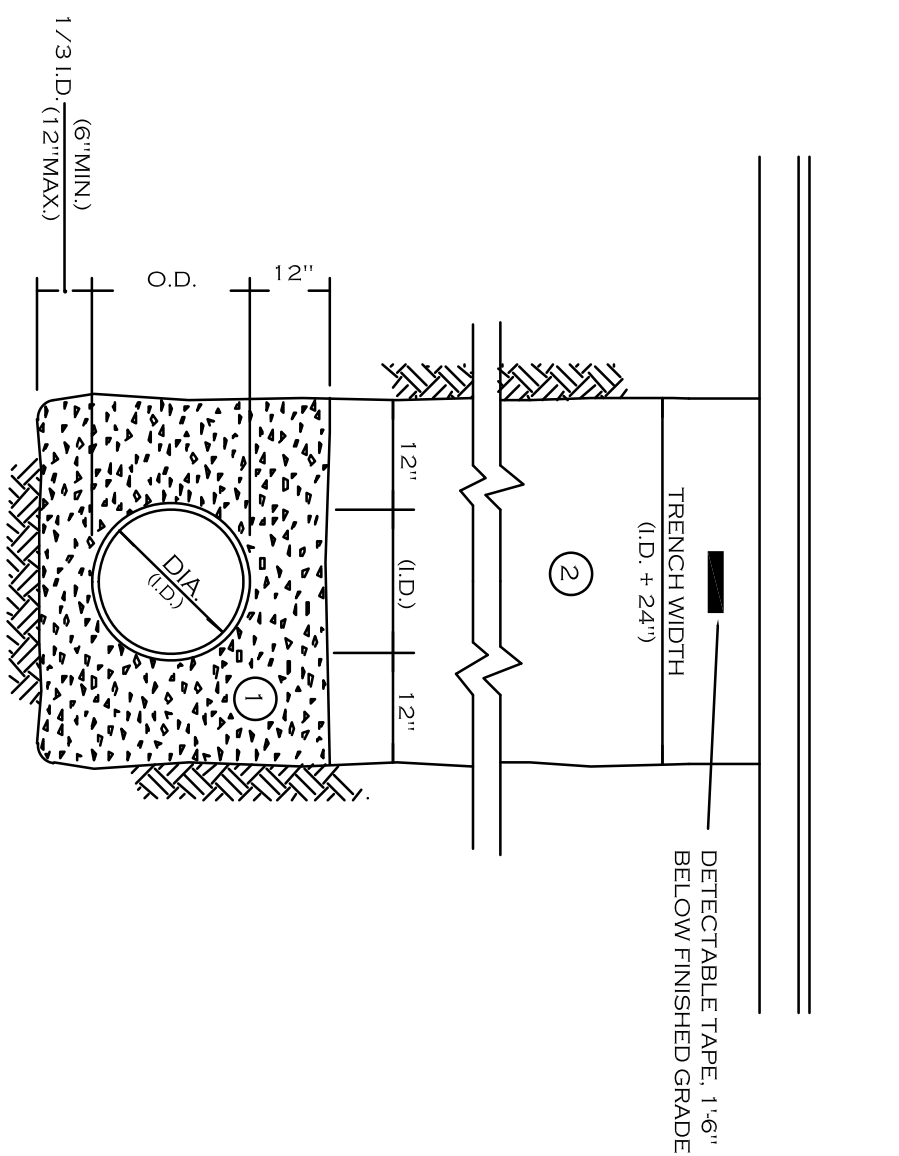
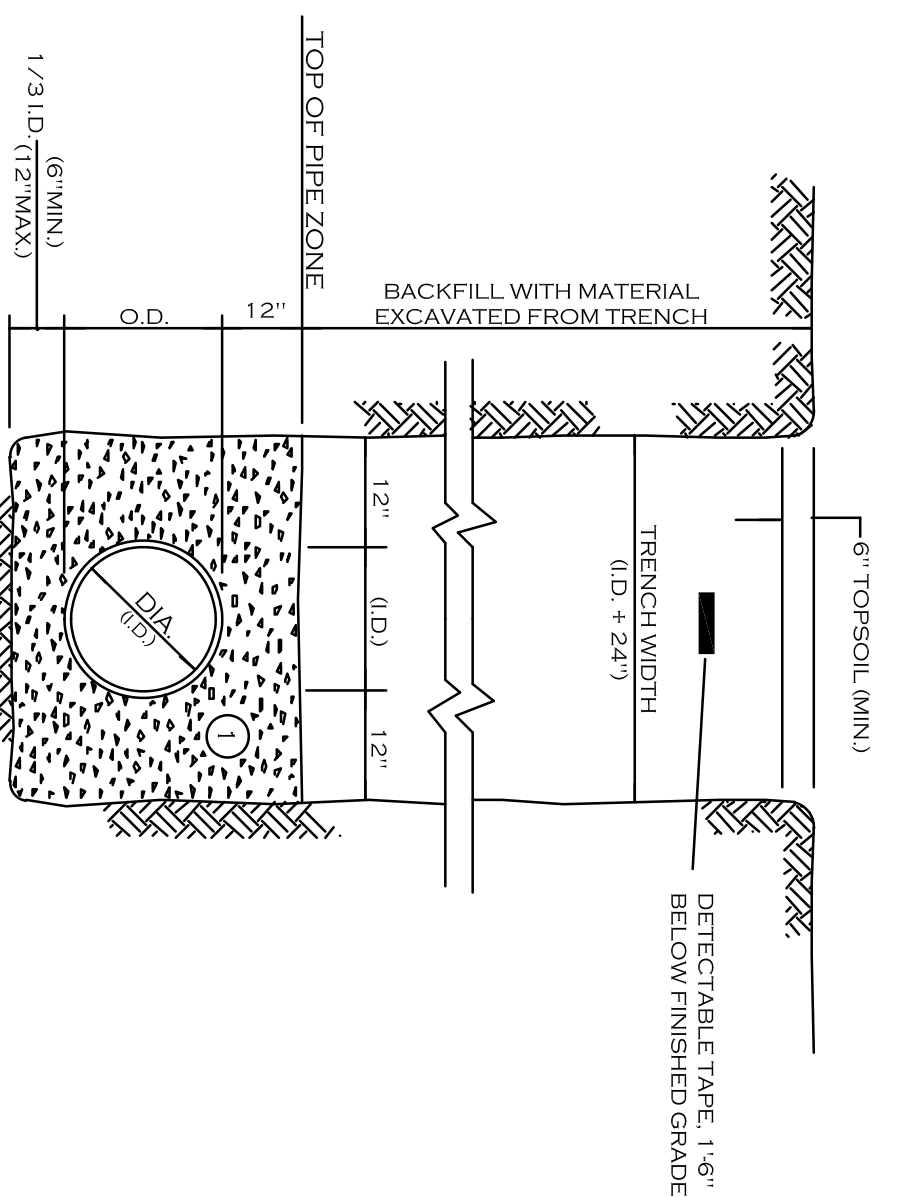
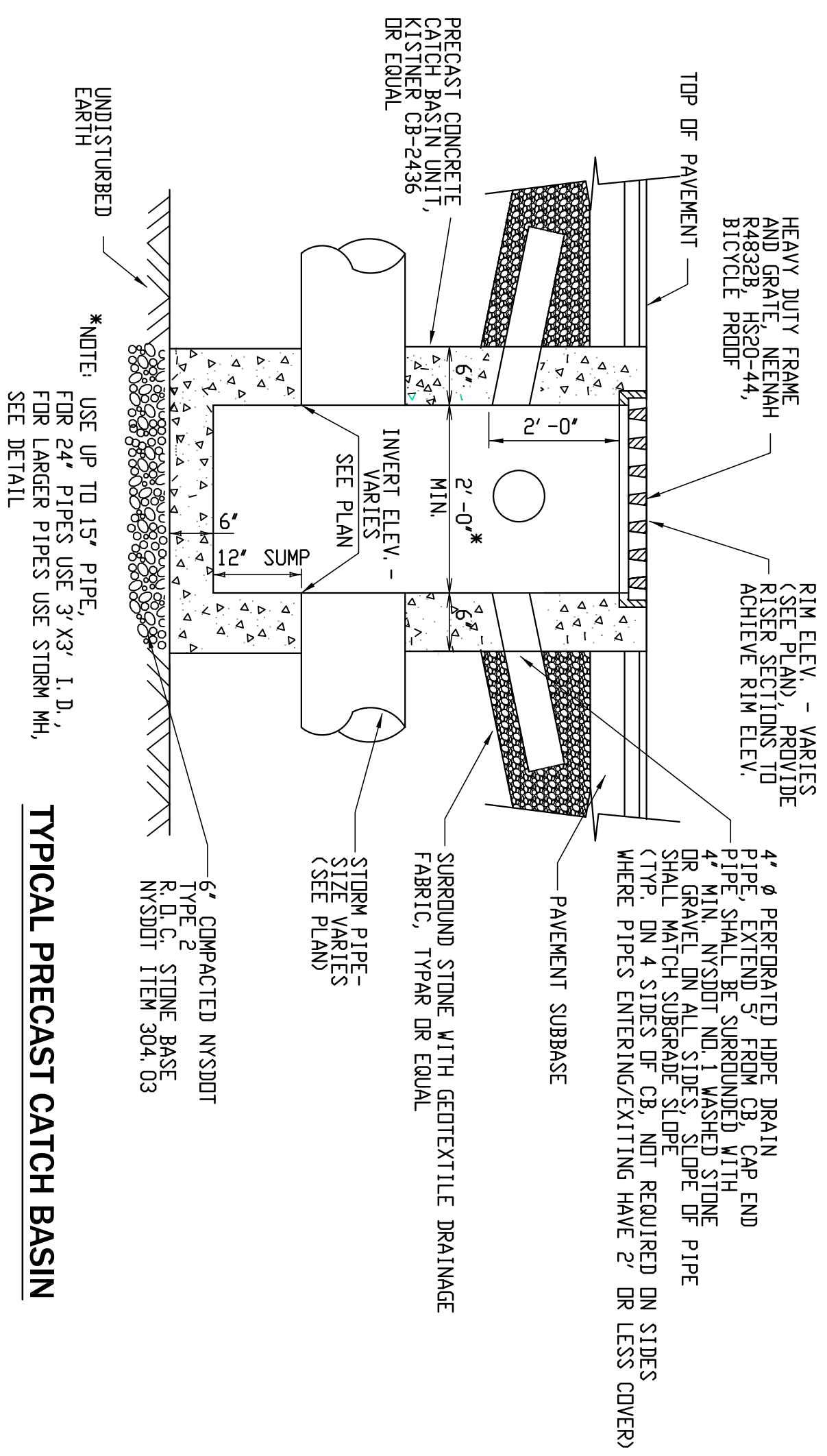
Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted

DRAWING NO.
C-303

Project No.: 22-117

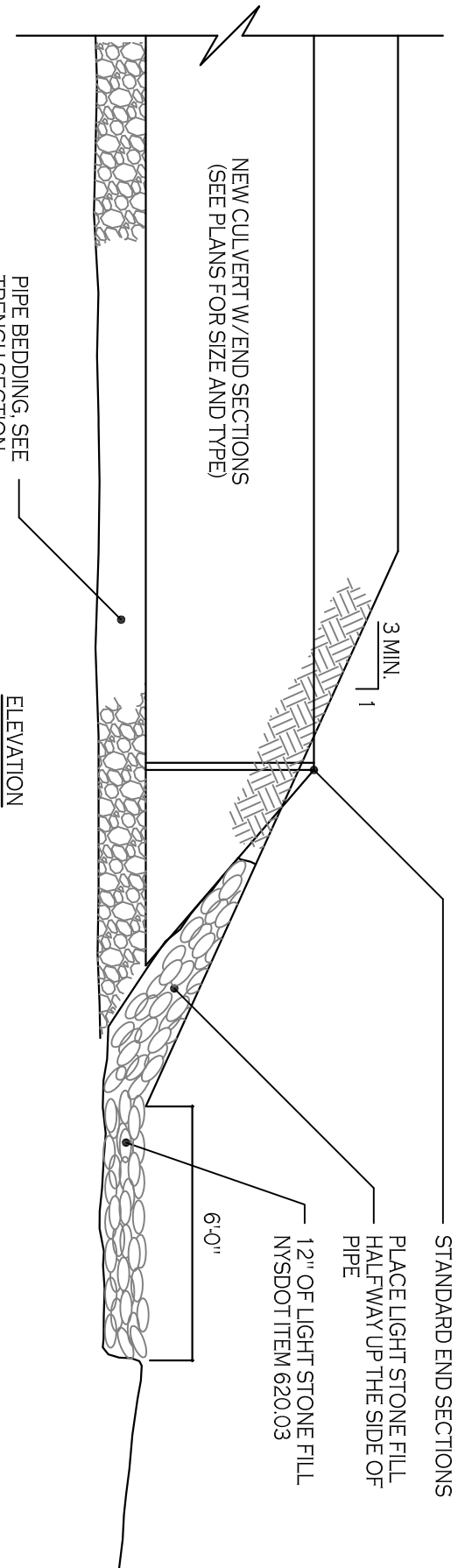
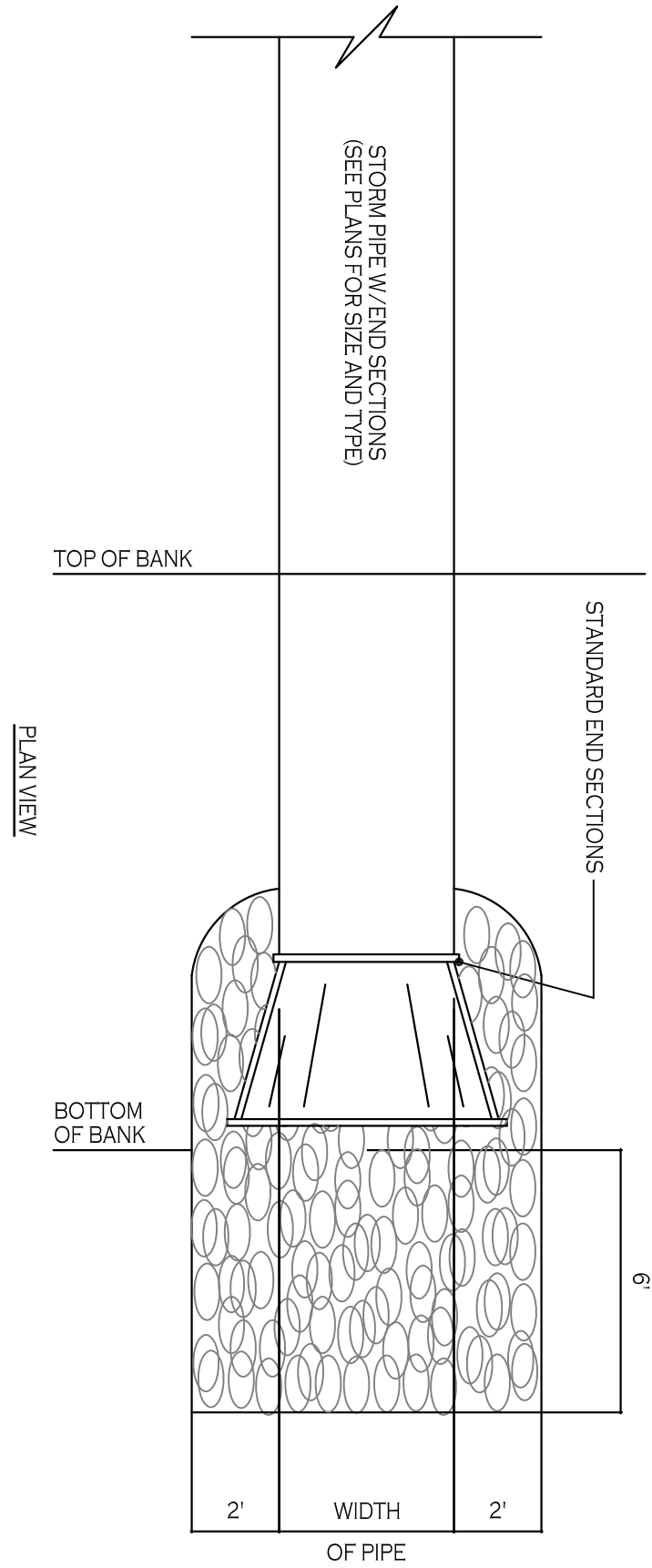
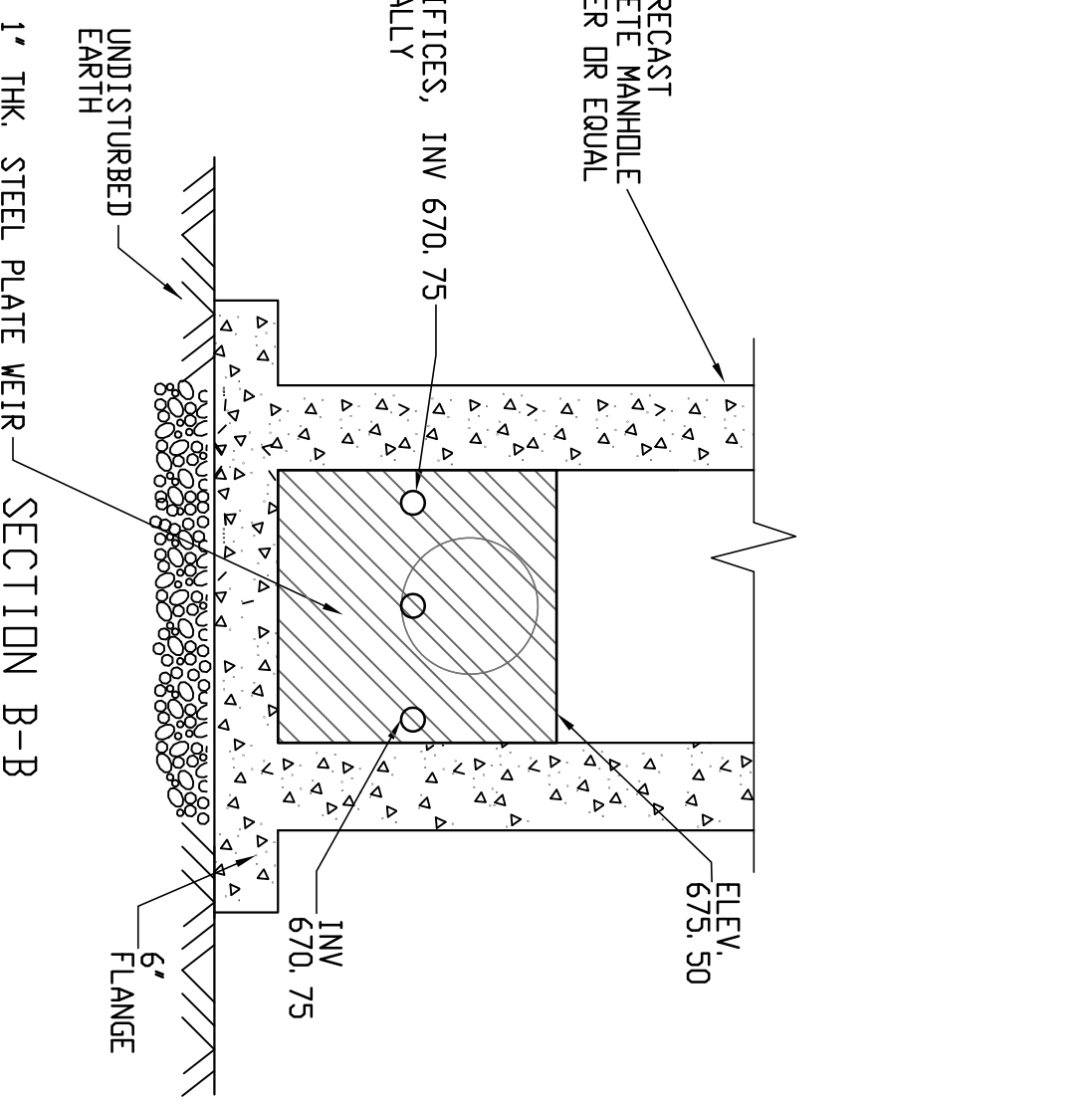
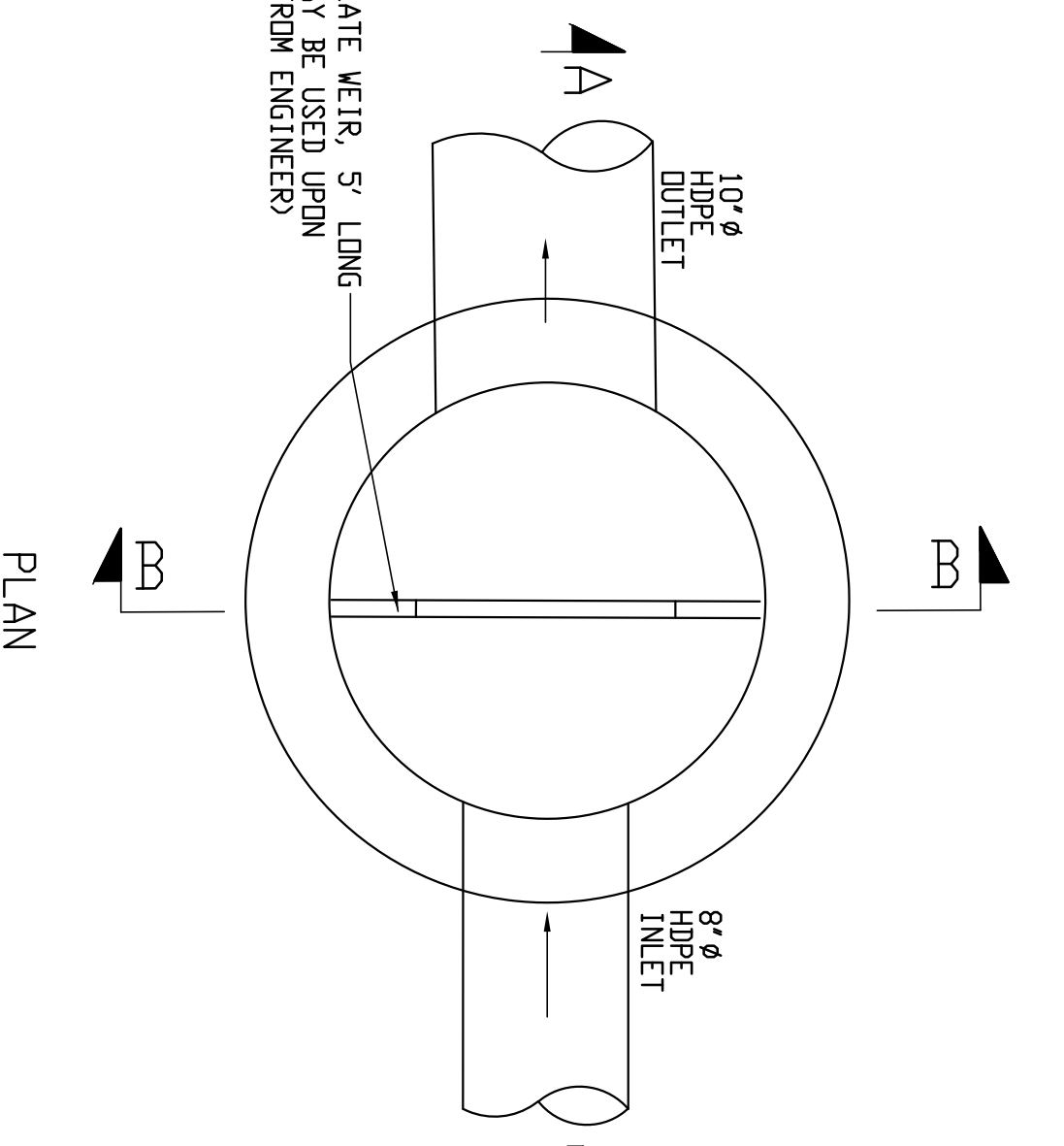
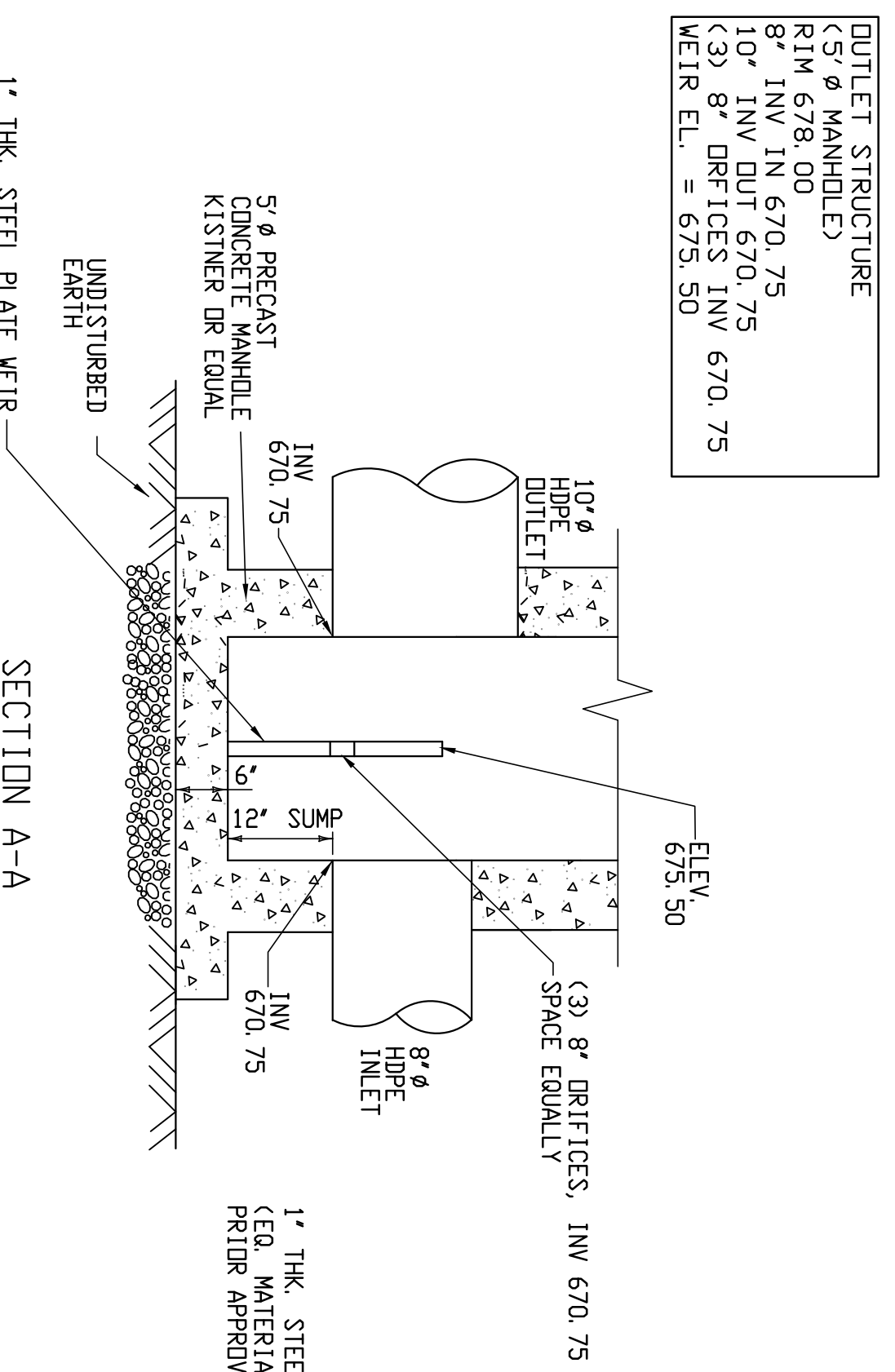
DRAWING NAME:
Storm Drainage Plan - West

PRELIMINARY
NOT FOR CONSTRUCTION



- PIPE BEDDING MATERIAL (ANSI/AST LATEST EDITION)**
1. NO.1 CRUSHED STONE WITH A GRADATION CONFORMING WITH NSI/SPOT SECTION 703-02. THE CRUSHED STONE SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN 1" AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 8" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
2. NO.2 RUN OF CRUISHER STONE OR NO.2 RUN OF CRUISHER GRAVEL WITH A GRADATION CONFORMING WITH NSI/SPOT SECTION 304-2.02 TYPE 4 AND NSI/SPOT SECTION 703-02. (COMPACTED IN 8" LIFTS TO 90% DENSITY) NOTE: SLAG SHALL NOT BE ALLOWED FOR MATERIALS 1 AND 2
- SELECT MATERIAL BASED ON (ANSI/AST LATEST EDITION)

- PIPE BEDDING MATERIAL (ANSI/AST LATEST EDITION)**
1. NO.1 CRUSHED STONE WITH A GRADATION CONFORMING WITH NSI/SPOT SECTION 703-02. THE CRUSHED STONE SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN 1" AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 8" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
2. NO.2 RUN OF CRUISHER STONE OR NO.2 RUN OF CRUISHER GRAVEL WITH A GRADATION CONFORMING WITH NSI/SPOT SECTION 304-2.02 TYPE 4 AND NSI/SPOT SECTION 703-02. (COMPACTED IN 8" LIFTS TO 90% DENSITY) NOTE: SLAG SHALL NOT BE ALLOWED FOR MATERIALS 1 AND 2
- SELECT MATERIAL BASED ON (ANSI/AST LATEST EDITION)



OUTLET CONTROL STRUCTURE

*NOTE: USE 50# MANHOLE

REVISIONS:

No.	Description	Date

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165

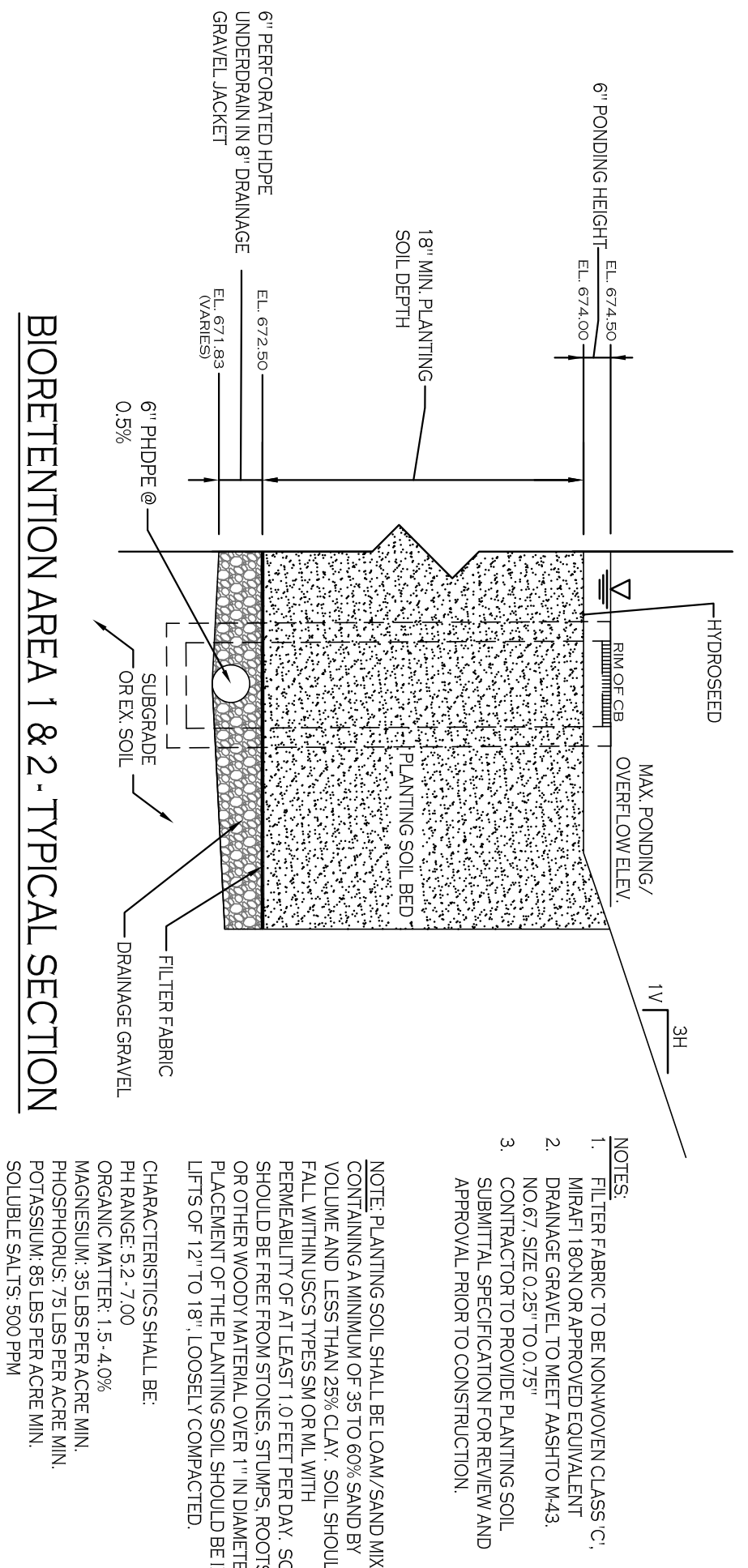
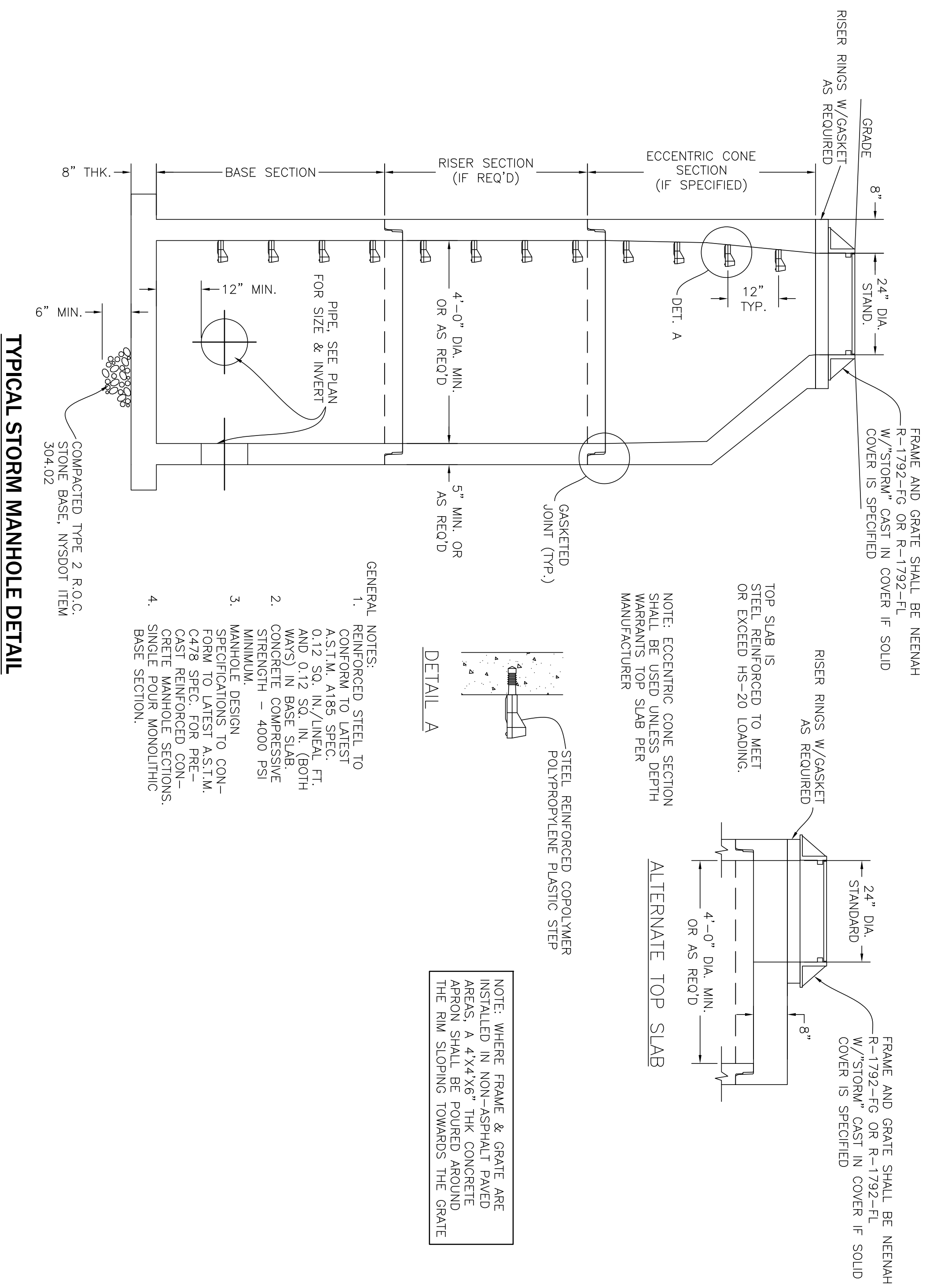
111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009

DRAWING NAME:
Storm Drainage Details

Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted

DRAWING NO.: **C-304**
Project No.: 22.117

PRELIMINARY
NOT FOR CONSTRUCTION



BIORETENTION AREA SEEDING SPEC (NORTHEAST WETLAND GRASS SEED MIX):

SEED MIXTURE	VARIETY	PERCENT RATIO OF SEEDS
CERBERA BENT GRASS	ARGENTIS STOLONIFERA	63.0
ROUGH BLUEGRASS	POA TRINIALIS	11.0
MEADOW FESTIVAL	ADOPICULARIS MEXICANENSIS	17.0
ANNUAL PERGRASS	LADINIA MULTIFLORA	4.5
PERGRASS	PERGRASS (SANDWICH ISLAND)	4.5

DRAWING NAME:
Storm Drainage
Details

PRELIMINARY
NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165

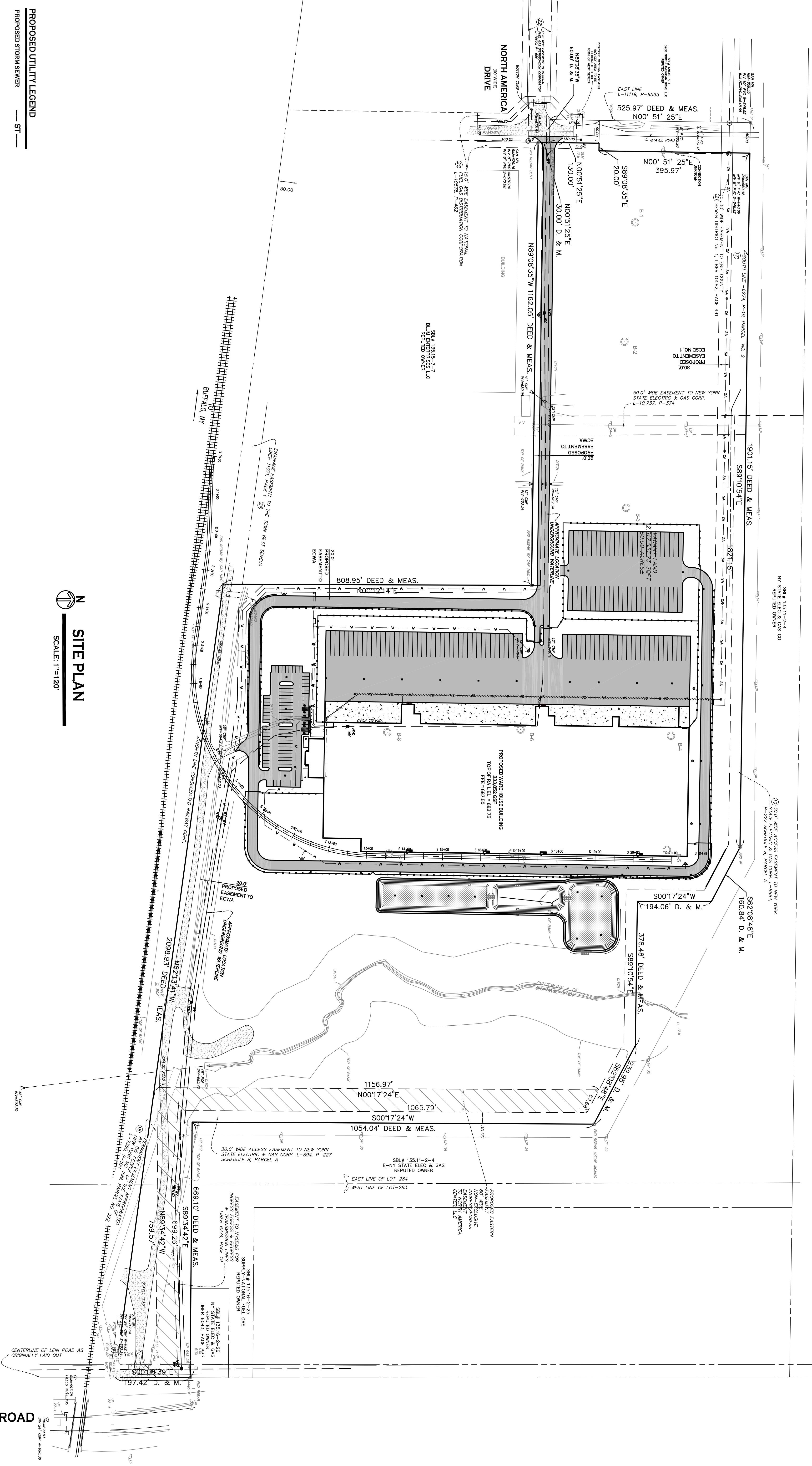
111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009

C-305
Project No: 22-117

Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted

DRAWING NO.

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- PROPOSED UTILITY LEGEND**
- PROPOSED STORM SEWER — ST —
 - PROPOSED SANITARY SEWER — 6"SA —
 - PROPOSED WATERLINE — 1"W —
 - PROPOSED CATCH BASIN ■ CB
 - PROPOSED YARD DRAIN ● YD
 - PROPOSED MANHOLE ● MH
 - PROPOSED HYDRANT ASSEMBLY ●
 - PROPOSED GATE VALVE @ GV

NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 8" WIDER ON ALL SIDES THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 8" THICK.

SITE PLAN
SCALE: 1"=120'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

120' 0 120' 240ft.

DATE: 9.12.22
DRAWN BY: C. Wood
SCALE: AS NOTED
DRAWING NO. **C-400**
PROJECT NO. 22-117

DRAWING NAME: Utility Plan

PRELIMINARY
NOT FOR CONSTRUCTION

REVISIONS:		Date
No.	Description	

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165

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Greensboro, North Carolina 27406
Phone: (336) 937-9009

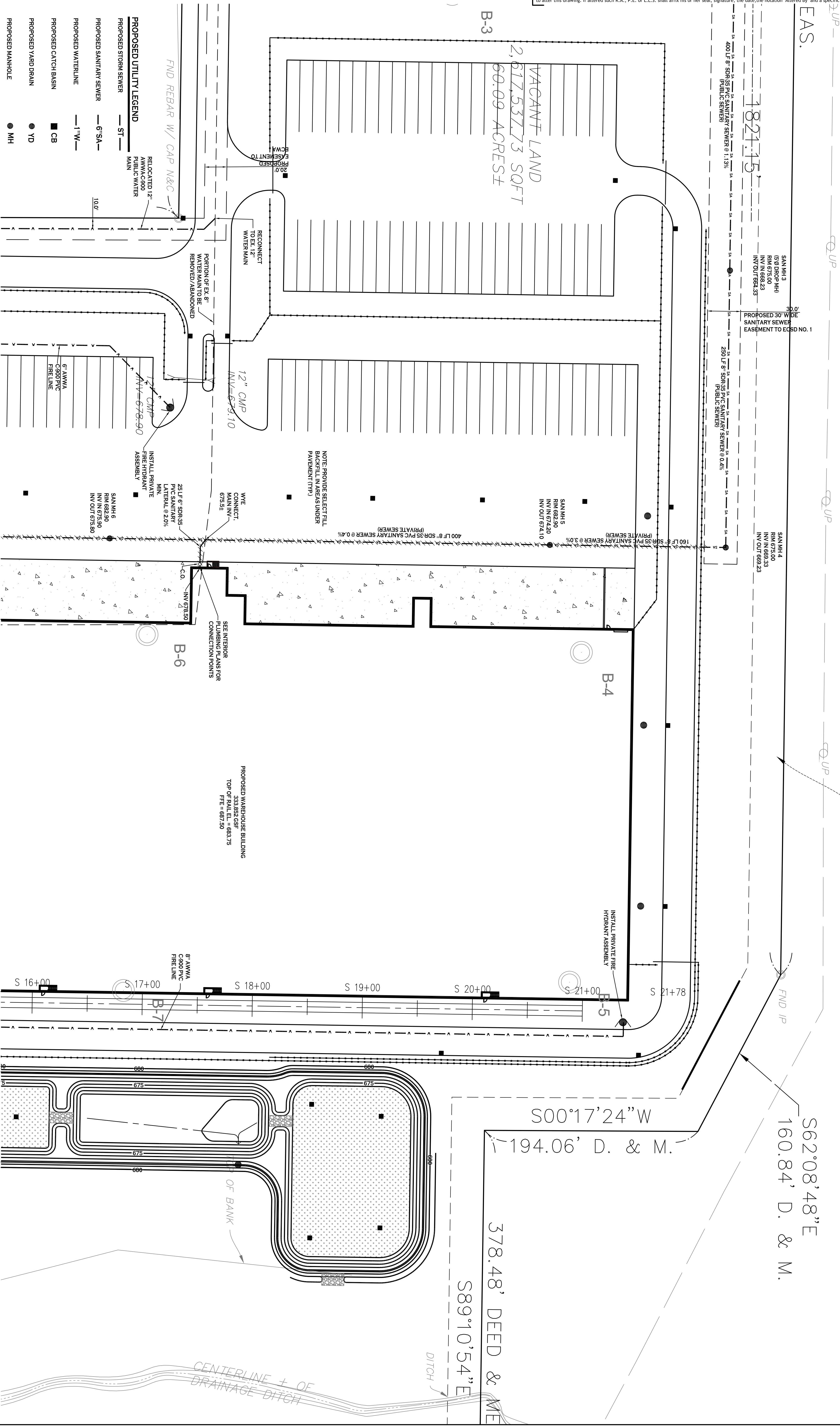
SBL# 135.11-2-4
 NY STATE ELEC & GAS CO
 REPUTED OWNER

30.0' WIDE ACCESS EASEMENT TO NEW YORK
 STATE ELECTRIC & GAS CORP. L-8994,
 P-227 SCHEDULE B, PARCEL A

S62°08'48"E
 160.84' D. & M.

S00°17'24"W
 194.06' D. & M.

378.48' DEED & ME
 S89°10'54"E



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- PROPOSED UTILITY LEGEND**
- PROPOSED STORM SEWER — ST —
 - PROPOSED SANITARY SEWER — 6" SA —
 - PROPOSED WATERLINE — 1" W —
 - PROPOSED CATCH BASIN ■ CB
 - PROPOSED YARD DRAIN ● YD
 - PROPOSED MANHOLE ● MH
 - PROPOSED HYDRANT ASSEMBLY ●
 - PROPOSED GATE VALVE @ GV

NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 6" WIDER, ON ALL SIDES, THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 8" THICK.

PLAN
 SCALE: 1"=40'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

PRELIMINARY
 NOT FOR CONSTRUCTION

REVISIONS:		
No.	Description	Date

Proposed Warehouse
 North America Drive
 West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
 Buffalo, New York 14203
 Phone: (716) 842-3165

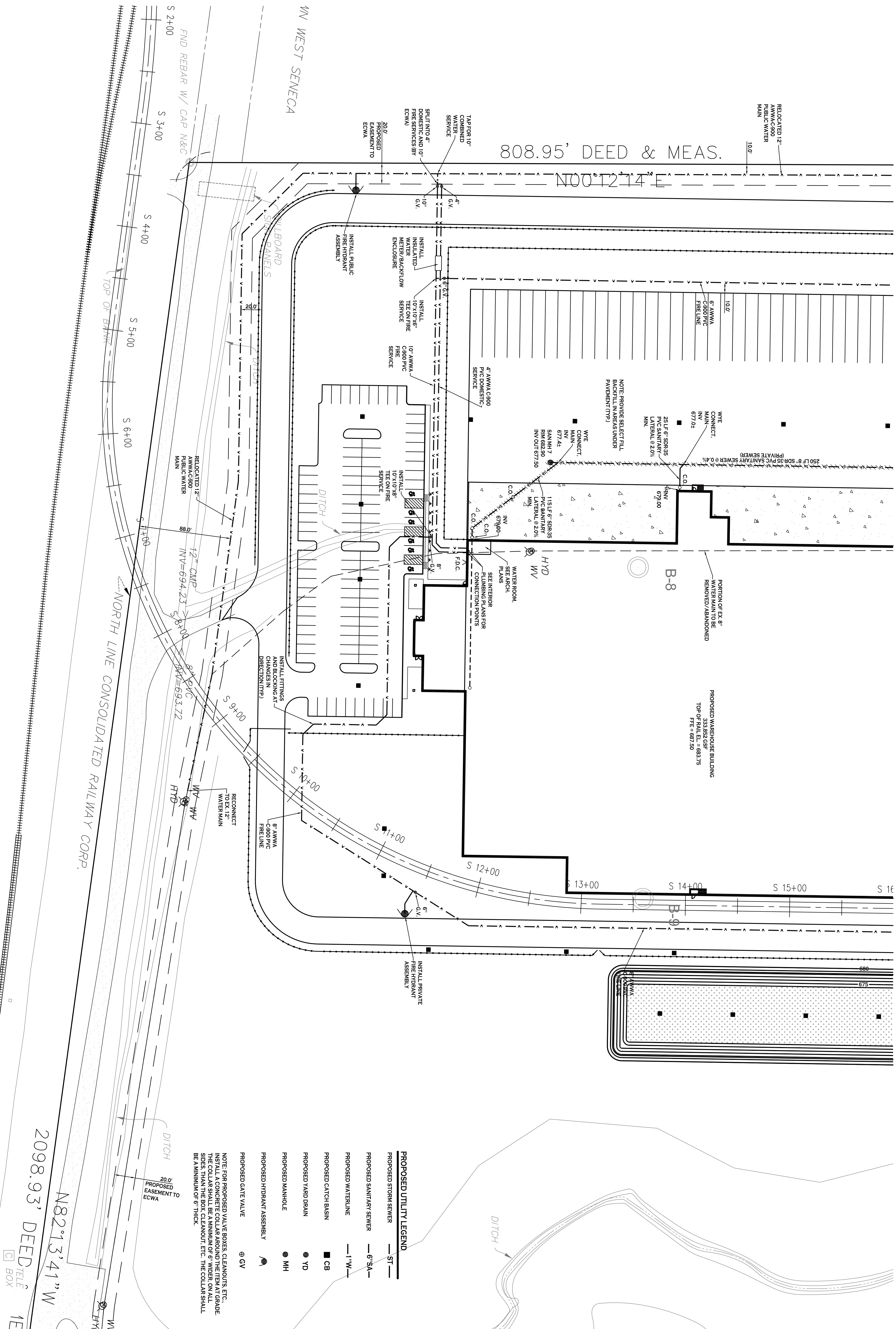
111 Bain Street, Suite 332
 Greensboro, North Carolina 27406
 Phone: (336) 937-9009

DRAWING NO.:
C-401
 Project No.: 22-117

DRAWING NAME:
 Utility
 Plan - North

Date: 9.12.22
 Drawn By: C. Wood
 Scale: As Noted

Sealed: XX.XX.XXXX



PLAN
SCALE: 1"=40'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

DATE: 9.12.22
DRAWN BY: C. Wood
SCALE: AS NOTED
C-402
PROJECT NO.: 22.117

DRAWING NAME: Utility Plan - South

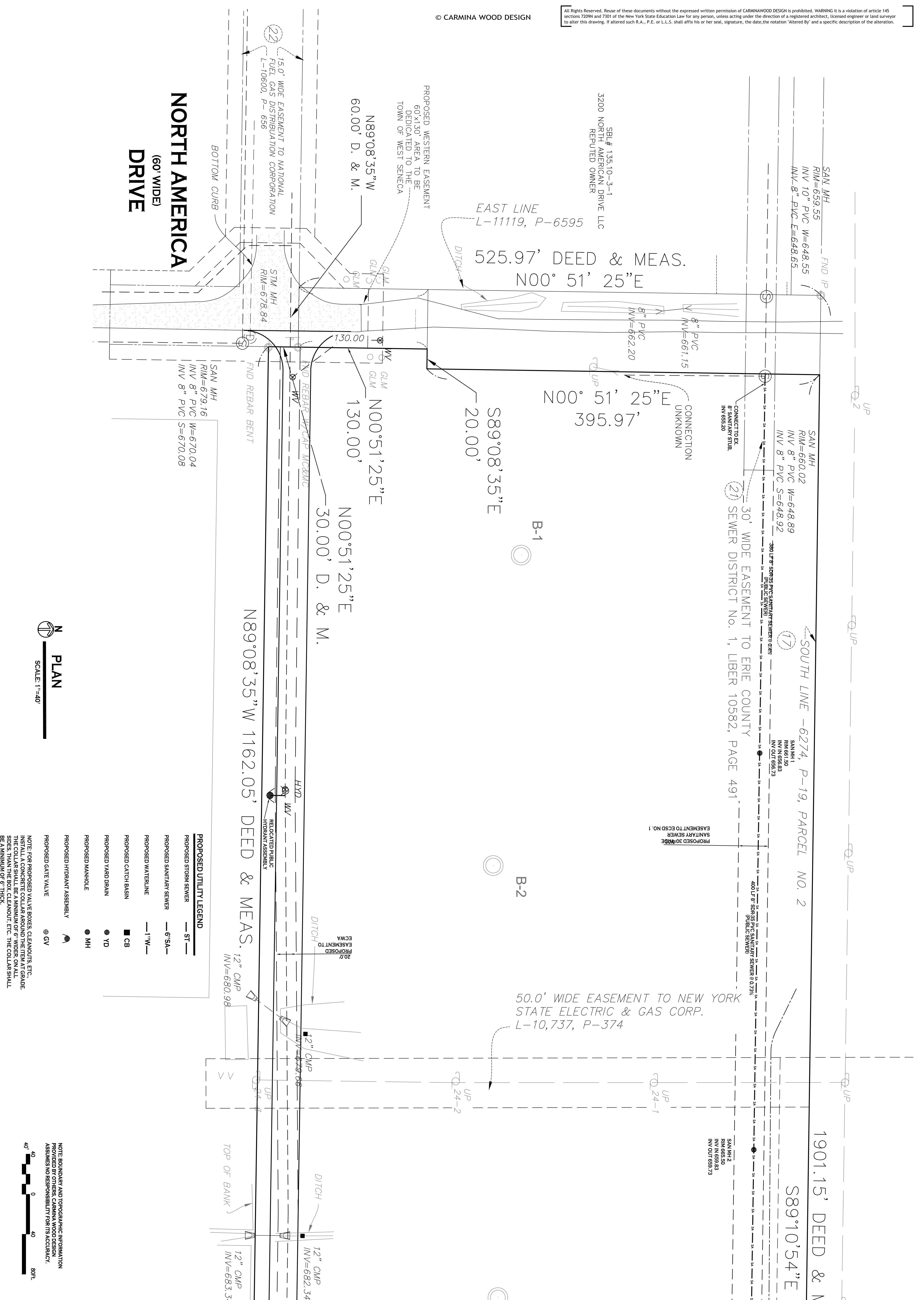
PRELIMINARY
NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

Proposed Warehouse
North America Drive
West Seneca, New York

CARMINAWOOD DESIGN
487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165
111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009



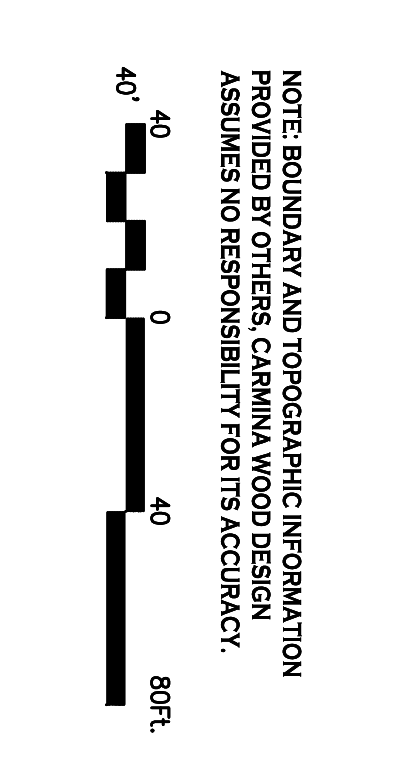
NORTH AMERICA DRIVE
(60' WIDE)

PLAN
SCALE: 1"=40'

- PROPOSED UTILITY LEGEND**
- ST — PROPOSED STORM SEWER
 - 6"SA — PROPOSED SANITARY SEWER
 - 1"W — PROPOSED WATERLINE
 - CB PROPOSED CATCH BASIN
 - YD PROPOSED YARD DRAIN
 - MH PROPOSED MANHOLE
 - HA PROPOSED HYDRANT ASSEMBLY
 - ⊕ GV PROPOSED GATE VALVE

NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 6" WIDER, ON ALL SIDES, THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 6" THICK.

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



Date: 9.12.22
 Drawn By: C. Wood
 Scale: As Noted
 DRAWING NO. **C-403**
 Project No: 22-117

DRAWING NAME: **Utility Plan - West**

PRELIMINARY
NOT FOR CONSTRUCTION

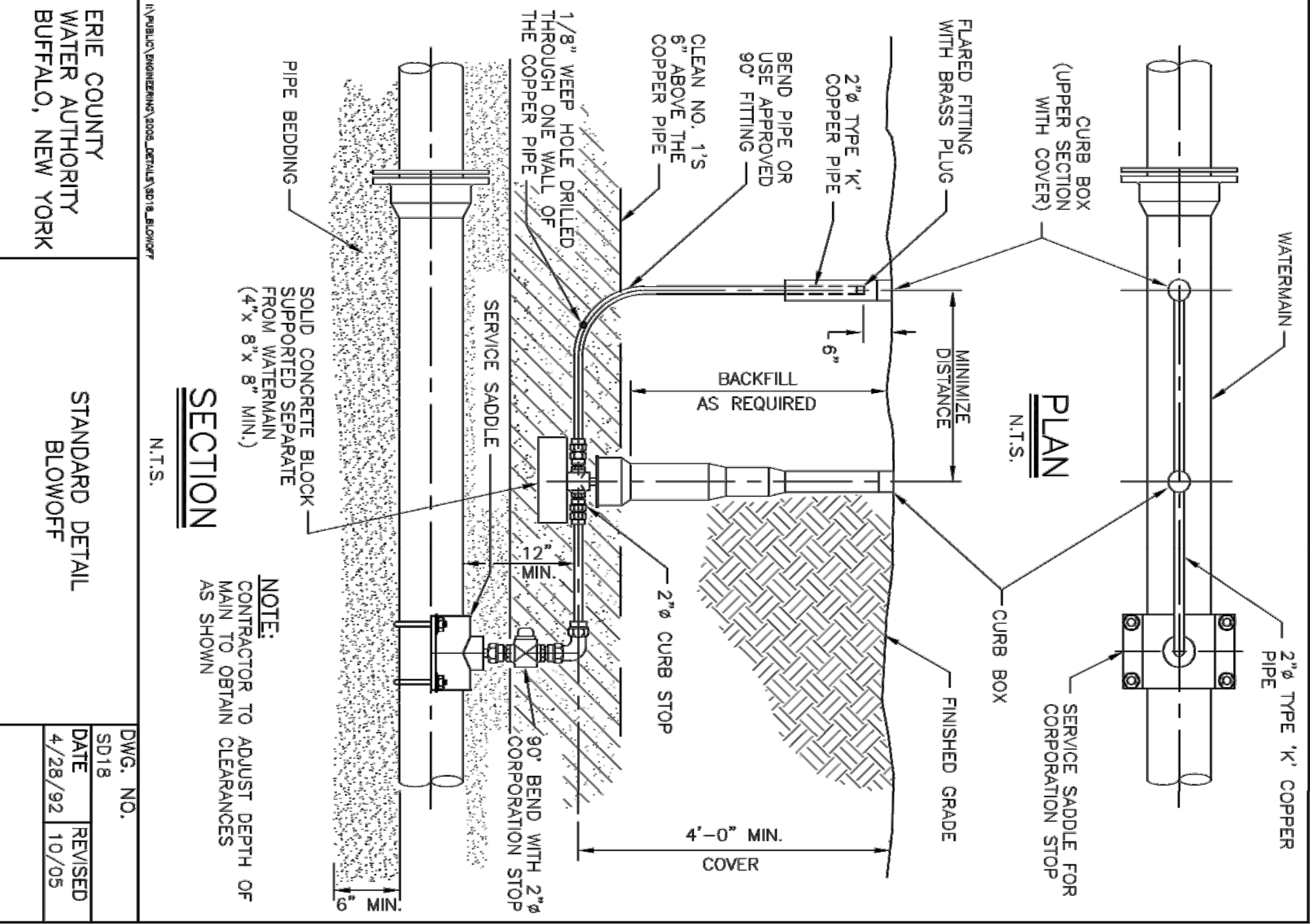
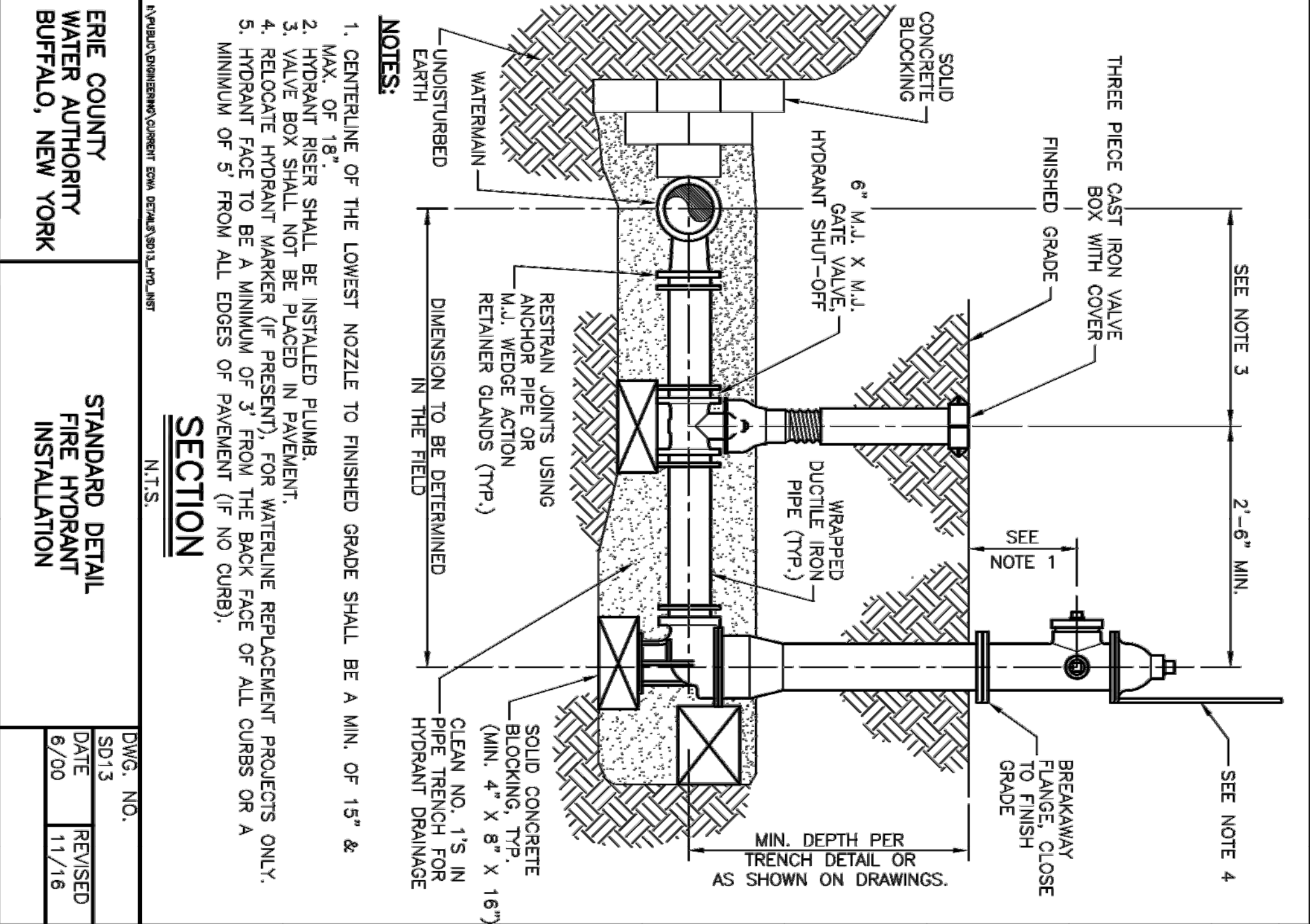
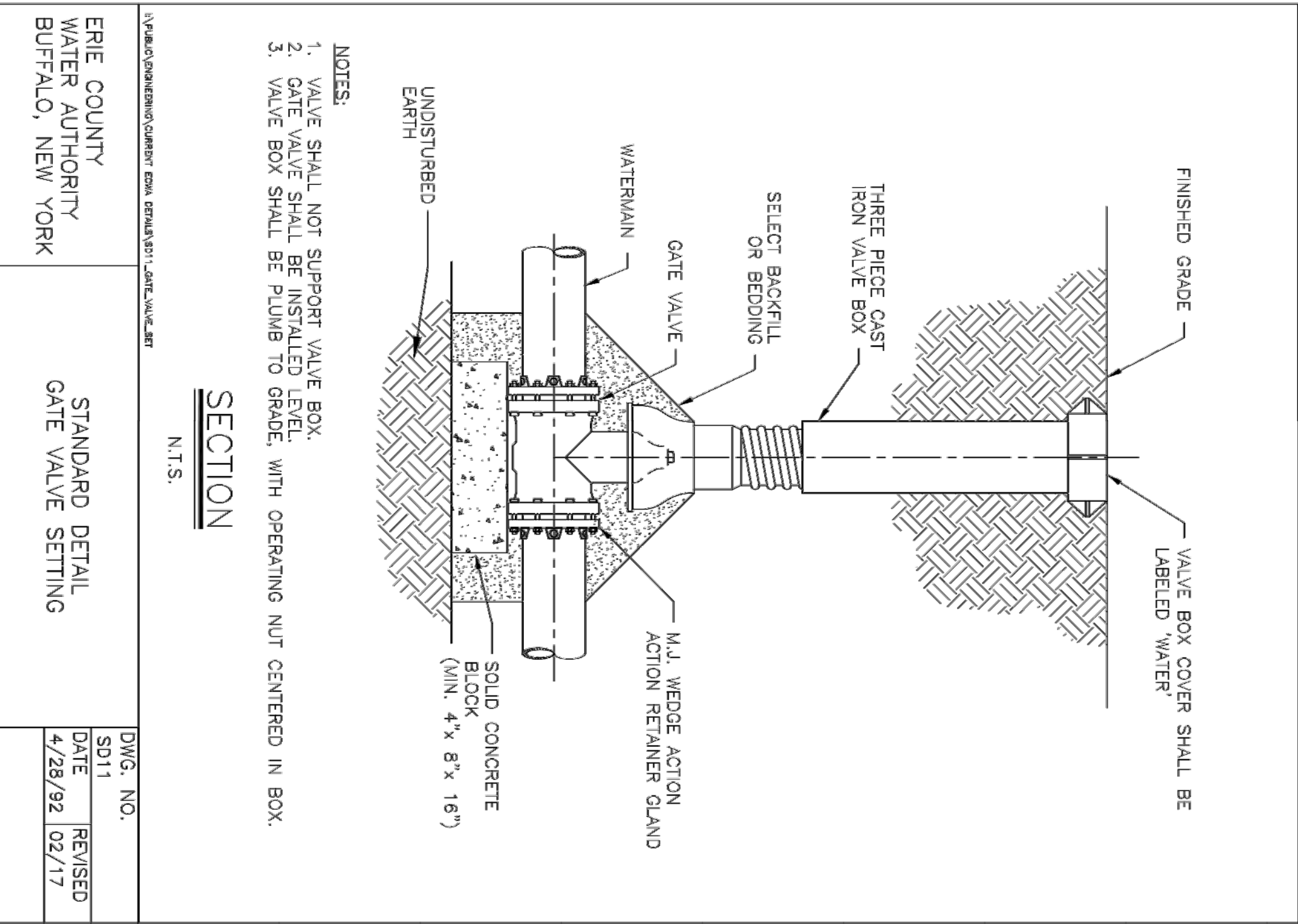
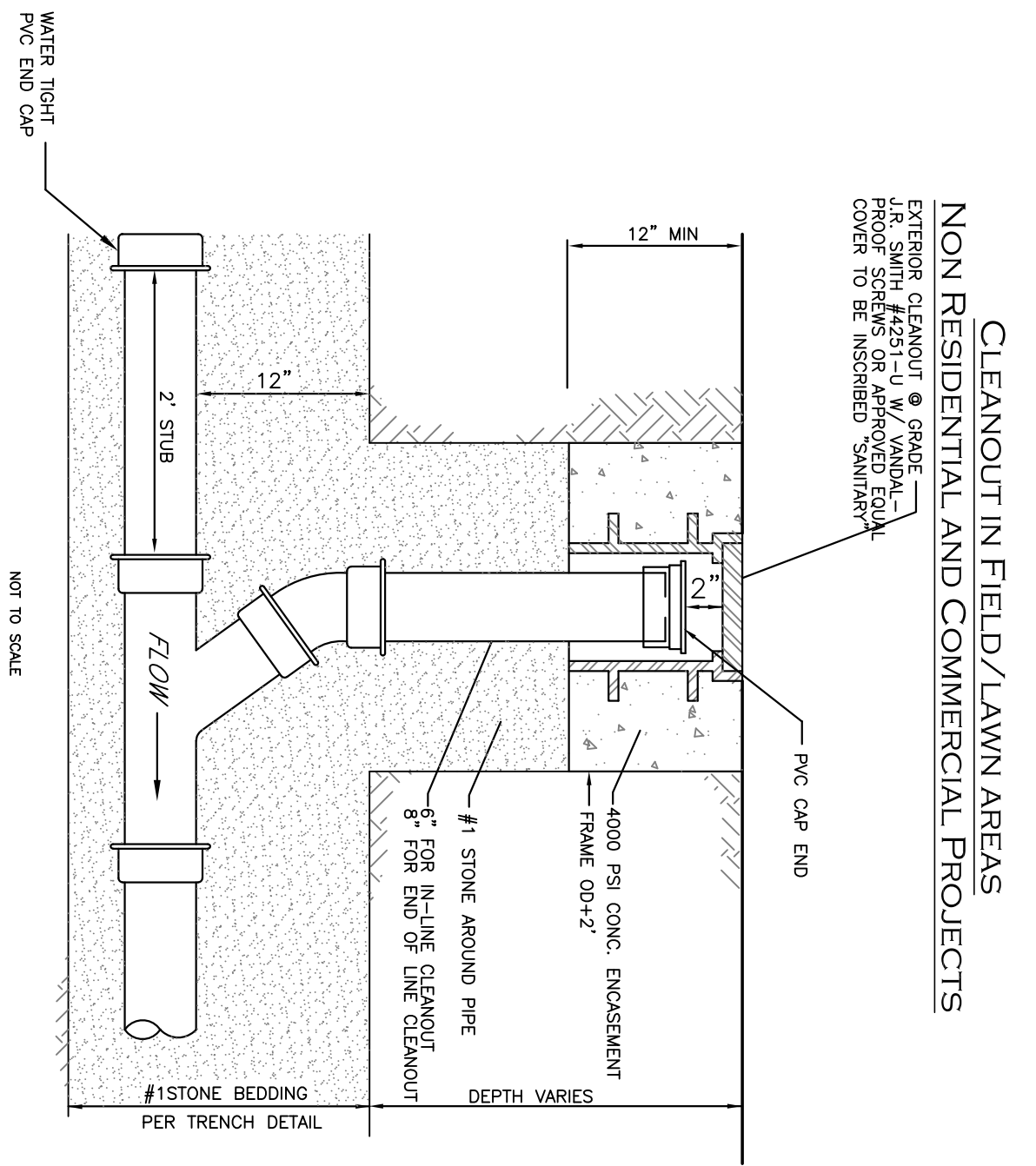
REVISIONS:	
No.	Description

Proposed Warehouse
 North America Drive
 West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
 Buffalo, New York 14203
 Phone: (716) 842-3165

111 Bain Street, Suite 332
 Greensboro, North Carolina 27406
 Phone: (336) 937-9009



ERIE COUNTY WATER AUTHORITY BUFFALO, NEW YORK

STANDARD DETAIL GATE VALVE SETTING

DWG. NO. SD11
DATE 4/28/92
REVISED 02/17

ERIE COUNTY WATER AUTHORITY BUFFALO, NEW YORK

STANDARD DETAIL FIRE HYDRANT INSTALLATION

DWG. NO. SD13
DATE 6/00
REVISED 11/16

ERIE COUNTY WATER AUTHORITY BUFFALO, NEW YORK

STANDARD DETAIL BLOWOFF

DWG. NO. SD18
DATE 4/28/92
REVISED 10/05

PRELIMINARY
NOT FOR CONSTRUCTION

Sealed: XX.XX.XXXX

REVISIONS:

No.	Description	Date

DRAWING NAME: Utility Details

Date: 9.12.22
Drawn By: C. Wood
Scale: As Noted

DRAWING NO. C-405

Project No: 22.117

Proposed Warehouse

North America Drive
West Seneca, New York

CARMINAWOOD DESIGN

487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165

111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009

